# ARITHMETICALL QVESTIONS,

*TOVCHING*

## The Buying or Exchange of Annuities; Taking of Leaſes for Fines, or yearly Rent; Purchaſe of Fee-Simples; Dealing for preſent or future Poſſeſſions; and other Bargains and Accounts, wherein allowance *for diſburſing or forbearance of mony is intended:*

Briefly reſolved, by meanes of certain Breviats.

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Calculated by *R. W.* of London, Practitioner in the Art of NVMBERS.

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*The ſecond Edition.*

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To which are added ſundry ſorts of Breviats after the rate of 8 *per Cent. per Ann.*

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By THOMAS FISHER.

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*LONDON,*
Printed by THOMAS HARPER. 1634.

# TO THE RIGHT VVorſhipfull, Mr. IOHN HERDSON, Eſquire.

*HAving experience (right Worſhipfull) of your love to the Science of Arithmeticke, and your extraordinary reſpect had to the Profeſſors thereof, and to me in particular, when and ſince it pleaſed you to accept mine endeavours in that kinde; I thought it meet, and my duty, ſome way to ſhew thankefulneſſe. And wanting better meanes to ſignifie my good*

*will and thankfull minde, I am bold to present this little Booke to your hands; hoping (Sir) that, of your accustomed Gentlenesse, you will accept it with as good affection, as it is by mee dutifully intended. Thus I humbly take my leave; wishing you health and true happinesse.*
London: *May* 18. 1613.

Your Worships

to be commanded,

RICHARD WITT.

## To the Reader.

HEre thou haſt (Gentle Reader) a Table, and certaine Breviats, which may availe thee briefly to reſolve divers needfull Queſtions of Arithmeticke; concerning ſuch Reckonings, wherin there is allowance for forbearance of money, at ſuch rates as in the queſtions following are mentioned.

The uſes of the Table are firſt briefly declared: in which declarations, if any thing ſhall ſeeme hard unto thee, have patience to reade on; for, afterward by Queſtions, and Inſtructions how to worke thoſe Queſtions, not onely the uſes of the Table and Breviat thereof, but alſo the uſes of all the other Breviats, are ſo plainely ſhewed, that ſuch as have but meane skill in the art of numbers, ſhall well underſtand how to make uſe of them.

Next after the Inſtructions, follow the

Works: which are performed by a more brieſe and better ordered Arithmeticall way, then the Inſtructions doe ſhew. For the Inſtructions are directed to the capacitie of the ignorant: and the Workes may (with heed) be perceived by ſuch as are skilfull.

In which workes, Reaſon and Proportion are much uſed; I meane in the ſummes of money, not in the Numbers of yeares: as if the ſeventeenth Queſtion following, and the anſwer thereof be conſidered, it will appeare.

In page 126. begins a Tranſition or Paſſage to Breviats of 1 *per* 40. *per* halfe yeare, and of 1 *per* 64. *per* quarter: which Intreſts are equall to the Intreſts that are made in buying Land at 20 yeares purchaſe, when the Rents are received halfe yearely; and at 16 yeares purchaſe, when the Rents are received quarterly: which two Intreſts are more indifferent to be uſed in altering Fines into Rents, or Rents into Fines, then any of the other Intreſts of 10. 9. 8. 7. 6. and a quarter, 6. or 5. *per Cent. per Ann.*

It may be objected; here are many Breviats, and the Breviats have many Numbers, and the Numbers have many Figures: therefore what certainety can a man have, that all are true? Grant that the Author (as he ought) hath uſed ſuch care and diligence in his calculations, as that

no

no one Figure by him bee ſet downe amiſſe in the copie: yet it is uſuall in the Printing of ſo many Numbers, that many faults eſcape. To this objection I anſwer; that not onely before the Printing of theſe Breviats, but alſo ſince they were Printed, I have heedfully examined every Number: yea, every Figure in each Breviat.

If thou finde any profit, or ſhalt perceive how much thy ſelfe, or any others have beene deceived for want of the knowledge in this little Book expreſſed; conſider and judge, ſith this little creek of a river (as I may tearm it) is profitable and of uſe; how much more profitable and uſefull the maine Ocean of Arithmeticke is.

Experience it ſelfe ſhewes, that men cannot hold any trading one with another, without great uſe of Numbers: whereupon it followes, that the loſſes are not few, which men incurre by ignorance of the art of Numbers.

It is true (I confeſſe) that moſt men, having but ſmall skill therein, doe yet make a ſhift (ſuch as it is) to paſſe their manifold buſineſſe and accounts, without ſenſe or feeling of their loſſes: it is as true, that The blinde drinke many a Fly. If there bee errour in the making of an Account, is it not becauſe there is ſome Queſtion, or Queſtions of Numbers depending upon ſome things contained in the Bookes of Accounts,

counts, which ought to have bin answered before the accounts could be truely made? And is it not likely, that the more skill a man hath in the art of Numbers, with so much the more facility, and certainty of truth, he shall be able to resolve questions of Numbers?

Perswade thy selfe, Arithmeticke is profitable, not onely to men in their private affaires, but also in the Common-wealth businesses; as well in time of Warre as Peace.

*Farewell.*

# To the Reader.

COurteous Reader, I ſhall not need to uſe the help of words to expreſſe the praiſe of the firſt Authour of this Work: the paines & Art therin deciphered being ſufficient to manifeſt his deſert and worth; who though being dead, yet (his fame) liveth, and though it alive, yet (by change of times and cuſtomes) the Book almoſt forgot and out of uſe, which I (though the unworthieſt of any) for my grand Maſters ſake (as I may ſay) have endeavoured to prevent, and help, by ſupplying it with ſuch Tables or Breviats as were moſt wanting in it, & now moſt in uſe, in regard of the Statute ſince made, that none ſhall take above the rate of 8 l. for the forbearance of 100 l. for a yeare; wherein I have applyed my ſelfe ſo to fit all mens occa-

ſions

ſions in this kinde, that you ſhall ſcarcely meet with any queſtion concerning Intreſt at 8 *per Cent. per Ann.* but you may eaſily reſolve it thereby; which that you might the better underſtand how to effect, I have not only given ſome generall directions, but alſo added an example to every ſeverall Breviat.

*Farewell.*

*London,*
Lothbury. T. F.

# A TABLE OF SOME OF THE principall matters contained in the Queſtions.

*VVHat a Principall, put out at intreſt for a certaine time, will amount to at the end thereof, Queſt.* 4. 18. 22. 26. 30. 34. 38. 43. 44. 52. 60.

*How commodities ſold may bee rated, to give time for payment, Queſt.* 48.

*What a ſumme, due at the end of ſome certaine time, is worth in ready money, queſt.* 19. 23. 27. 31. 35. 39. 45. 49. 53. 57. 61.

*If an Annuity be all forborne till the end thereof; what ought to be then received, queſt.* 6. 20. 28. 32. 36. 40.

*If certaine halfe yearely payments be forborne till the laſt of them grow due; what ſhould then be received, queſt.* 46. 58.

*If certaine quarterly payments be forborne till the laſt quarterly payment grow due, what ſhould then be received, queſt.* 50. 54. 62.

*What an Annuity is worth in ready money, queſt.* 7. 21. 25. 29. 33. 37. 41.

*To*

*To reduce halfe yearely payments to ready money, queſt.* 47.59.

*To reduce quarterly payments to ready money, queſt.* 51.55.

*What money ought to be delivered with a leſſe Annuity in Exchange for a greater, queſt.* 10.

*What Annuity a ſumme of money will buy, queſt.* 8,9.

*To leſſen rent by increaſing the Fine, queſt.* 11.63.81.

*To leſſen a Fine by increaſing the rent, queſt.* 12.108.

*What ready money may bee given for a Leaſe, certaine yeares thereof being of leſſe value to the buyer then the reſt, queſt.* 16.102.111.113.

*The price of a certaine number of yeares in Leaſe being knowne; to finde what ready money a greater number of yeares is worth, queſt.* 17.

*To reduce quarterly payments to yearely, queſt.* 115.

*To reduce yearely payments to halfe yearely, queſt.* 116.

*If Land bee bought, that ſtands charged with divers payments at divers times; to finde what part of the price the Purchaſer ſhould retaine in his hands to ſatisfie thoſe payments, queſt.* 119.

*Two men paying divers ſummes of money at divers times one to the other, & one for the other;*

*to make up their accounts, with mutuall allowance of int. queſt.* 121.

*If a Leaſe for* 21 *yeares be worth* 7 *yeares purchaſe; to finde how many yeares purchaſe a Leaſe of the ſame Land or houſe for more yeares, is worth, queſt.* 124. *&c.*

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## A Table ſhewing where to finde the ſeverall Breviats in this Booke.

beginning in pag:

*The Breviat of the Table of* 10 per Cent. 16
4 *Other Breviats of* 10 per Cent. 52
2 *Breviats for halfe yearely payments at* 10 per Cent. 102
2 *Breviats for quarterly payments at* 10 per Cent. 110
5 *Breviats of* 9 per Cent. 8 per Cent. 7 per Cent. 6 per Cent. *and* 5 per Cent. 62
5 *Breviats of* $6\frac{1}{2}$. per Cent. 91
2 *Breviats for quarterly payments, at* $6\frac{1}{2}$. per Cent. 118
2 *Breviats for halfe yearely rents at* 20 *yeares purchaſe.* 129
2 *Breviats for quarterly rents, at* 16 *yeares purchaſe.* 143

| Years. | |
|---|---|
| 1 | |
| 2 | |
| 3 | |
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| Years. | |
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| 5 | 1 5 10 10 5 1 |
| 6 | 1 6 15 20 15 6 1 |
| 7 | 1 7 21 35 35 21 7 1 |
| 8 | 1 8 28 56 70 56 28 8 1 |
| 9 | 1 9 36 84 126 126 84 36 9 1 |
| 10 | 1 10 45 120 210 252 210 120 45 10 1 |
| 11 | 1 11 55 165 330 462 462 330 165 55 11 1 |
| 12 | 1 12 66 220 495 792 924 792 495 220 66 12 1 |
| 13 | 1 13 78 286 715 1287 1716 1716 1287 715 286 78 13 1 |
| 14 | 1 14 91 364 1001 2002 3003 3432 3003 2002 1001 364 91 14 1 |
| 15 | 1 15 105 455 1365 3003 5005 6435 6435 5005 3003 1365 455 105 15 1 |
| 16 | 1 16 120 560 1820 4368 8008 11440 12870 11440 8008 4368 1820 560 120 16 1 |
| 17 | 1 17 136 680 2380 6188 12376 19448 24310 24310 19448 12376 6188 2380 680 136 17 1 |
| 18 | 1 18 153 816 3060 8568 18564 31824 43758 48620 43758 31824 18564 8568 3060 816 153 18 1 |
| 19 | 1 19 171 969 3876 11628 27132 50388 75582 92378 92378 75582 50388 27132 11628 3876 969 171 19 1 |
| 20 | 1 20 190 1140 4845 15504 38760 77520 125970 167960 184756 167960 125970 77520 38760 15504 4845 1140 190 20 1 |

*1 per 10. per* terme, gain, and gain upon gaine; exactly calculated for 30. termes.

Or (as commonly men speake) *10 p r 100 per Ann.* Interest, and Int. upon Interest; exactly calculated for any number of yeares under 31.

| Years. | |
|---|---|
| 21 | 1 21 210 1330 5985 20349 54264 116280 203490 293930 352716 352716 293930 203490 116280 54264 20349 5985 1330 210 21 1 |
| 22 | 1 22 231 1540 7315 26334 74613 170544 319770 497420 646646 705432 646646 497420 319770 170544 74613 26334 7315 1540 231 22 1 |
| 23 | 1 23 253 1771 8855 33649 100947 245157 490314 817190 1144066 1352078 1352078 1144066 817190 490314 245157 100947 33649 8855 1771 253 23 1 |
| 24 | 1 24 276 2024 10626 42504 134596 346104 735471 1307504 1961256 2496144 2704156 2496144 1961256 1307504 735471 346104 134596 42504 10626 2024 276 24 1 |
| 25 | 1 25 300 2300 12650 53130 177100 480700 1081575 2042975 3268760 4457400 5200300 5200300 4457400 3268760 2042975 1081575 480700 177100 53130 12650 2300 300 25 1 |
| 26 | 1 26 325 2600 14950 65780 230230 657800 1562275 3124550 5311735 7726160 9657700 10400600 9657700 7726160 5311735 3124550 1562275 657800 230230 65780 14950 2600 325 26 1 |
| 27 | 1 27 351 2925 17550 80730 296010 888030 2220075 4686825 8436285 13037895 17383860 19656300 19656300 17383860 13037895 8436285 4686825 2220075 888030 296010 80730 17550 2925 351 27 1 |
| 28 | 1 28 378 3276 20475 98280 376740 1184040 3108105 7141050 14307150 25518735 40116600 54627300 61218600 54627300 40116600 25518735 14307150 7141050 3108105 1184040 376740 98280 20475 3276 378 28 1 |
| 29 | 1 29 406 3654 23751 118755 475020 1560780 4292145 10015005 20030010 34597290 51895935 67863915 76904685 76904685 67863915 51895935 34597290 20030010 10015005 4292145 1560780 475020 118755 23751 3654 406 29 1 |
| 30 | 1 30 435 4060 27405 142506 593775 2035800 5852925 14307150 30045015 54627300 86493225 119759850 145422675 155117520 145422675 119759850 86493225 54627300 30045015 14307150 5852925 2035800 593775 142506 27405 4060 435 30 1 |

The Table afore-going (as is eaſie to be perceived) is ſuch a Progreſſion as Authors uſually call Geometricall: the firſt terme thereof (as you ſee) being 11. the ſecond 121. which is 11. times the firſt; and the third 1331. which is 11. times the ſecond; and the fourth 11. times the third: and ſo increaſing to 30. terms.

Wherefore, the *Reaſon* betweene the firſt and ſecond terme, alſo betweene the ſecond and third terme, and ſo throughout betweene any of the termes and the next that followeth it, is of the leſſe inequalitie: which *Artiſts* commonly call *Ratio minoris inæqualitatis*; and the proper name thereof is *Sub undecupla*: which is, when the *Antecedent* is contained of the *Conſequent* 11. times.

Theſe 30. termes, *viz.* the 30. numbers in the Table, are *Numerators* of improper Fractions.

The *Denominators* of which Fractions are alſo a Progreſſion: the firſt terme thereof (that is, the firſt Denominator) being 10. the ſecond, 10. times the firſt, which is 100. and the third, 10. times the ſecond, which is 1000. and ſo increaſing to 30. termes.

Wherefore here alſo the *Reaſon* throughout betweene any of theſe termes and the next that followeth it, is of the leſſe inequality: which

*Artiſts*

*Artiſts* call *Ratio minoris inaqualitatis*; and the proper name thereof is *Subdecupla*: which is, when the *Antecedent* is contained of the *Conſequent* 10. times.

So it appeareth, that if the Numbers (or Numerators) in the Table, be taken with their Denominators, they will ſtand thus:

$\frac{11}{10}$ which is $1\ \frac{1}{10}$

$\frac{121}{100}$ which is $1\ \frac{21}{100}$

$\frac{1331}{1000}$ which is $1\ \frac{331}{1000}$

And ſo forth, till all the 30. termes have their Denominators placed under them.

Here it ſhall not be amiſſe to note, that as the firſt terme hath for Denominator an Vnit, and one Cipher; the ſecond terme an Vnit, and two Ciphers; and the third terme an Vnit, and three Ciphers: ſo the fourth terme muſt have an Vnit and foure Ciphers; and the twentieth terme an Vnit and twenty Ciphers for Denominator: and ſo of all the reſt.

Theſe improper Fractions ſo are tearmed a Geometricall Progreſſion, and the Reaſon betweene them is alſo of the leſſe inequalitie; becauſe ſtill that which goeth before, is leſſe then that which followeth it.

The proper name of the Reaſon betweene theſe improper Fractions, given by *Artiſts*, is,

*Subſeſquidecima*: which is, when the *Conſequent*, conteineth the *Antecedent* once, and one tenth part thereof. For this holds ſtill betweene theſe improper Fractions; becauſe each *Antecedent* is to its *Conſequent* (that is, each of theſe improper Fractions is ſtil to that which followeth it) as 10. to 11.

This kinde of increaſe is equall to the gaine which men make, when they put out money at Intereſt, after 10. per 100. *per Ann.* Intereſt, and Intereſt upon Intereſt.

Which is, when the principall doth encreaſe one tenth part of it ſelfe, by the end of the firſt yeare: and at the end of the firſt yeare, the firſt Principall, together with the increaſe obtained the firſt yeare, is accounted as a new Principall, put out in like ſort for the ſecond yeare.

The figures 1, 2, 3, 4, 5, &c. deſcending to 30. having over them this word *Yeares*, and ſtanding on your left hand as you view the Table; ſerue to ſhew how many Ciphers ought to be placed before an Vnit, to make the Denominators of the improper Fractions above mentioned: alſo they declare the time wherein this increaſe is ſuppoſed to grow.

That is, the ſecond terme, $\frac{121}{100}$ if it be taken for an improper Fraction of pounds, ſheweth that 1. l. if it be put forth for two yeares, after

10.

10. *per Cent. per Annum*, Intereſt, and Intereſt upon Intereſt, will amount unto, at two yeares end, $\frac{121}{100}$ l.

Which 2. yeares, is, becauſe the Numerator 121. ſtands in the Table by 2 in the row of the figures, 1, 2, 3, 4. &c. to 30. deſcending: as alſo the Denominator 100. hath therefore 2. Ciphers for the ſame reaſon.

And $\frac{1331}{1000}$, the third terme, if it be taken for an improper Fraction of Duckets, ſheweth that 1. Ducket, if it be put forth for three yeares, after 10. *per Cent. per Annum*, Intereſt, and Intereſt upon Intereſt, will amount unto at three yeares end $\frac{1331}{1000}$ Ducket: which three yeares is, becauſe the Numerator 1331. ſtands in the Table by 3. in the row of the figures deſcending: as alſo the Denominator 1000. hath therefore 3. Ciphers for the ſame reaſon. And ſo of the reſt.

Let this ſuffice for the Table it ſelfe: and now let us [illegible] ſomewhat into the uſe of it.

Touching the uſe of this Table, we will ſet downe certaine directions: in which direction, to avoid repetitions, remember ſtill theſe two things;

Firſt, that the time is never above 30. yeares: becauſe this Table is calculated for no longer time.

Secondly, that the Intereſt, in every concluſion wrought by this Table, is alwayes reckoned to be 10. *per* 100. *per Annum*, Intereſt, and Intereſt upon Intereſt.

Theſe two things being remembred, let us now proceed to the Directions.

## The firſt Direction.

*To finde if* 1. l. *be put forth at the aboveſaid Intereſt, what it will amount unto, at the end of any number of yeares.*

ESteeme the improper Fractions afore ſpoke of (whereof the Numerators are in the Table) to be Fractions of pounds: then, the ſeventh Fraction ſheweth what 1. l. ready mony will amount unto at ſeven yeares end: and the twentieth Fraction ſheweth what 1. l. readie mony, will amount unto at twenty yeares end.

That is, the ſeventh Number in the Table being eſteemed a Numerator, and having for Denominator to it an Vnit and 7. Ciphers, ſheweth the improper Fraction of pounds, that 1 l. will yeeld at ſeven yeares end for Capitall and Intereſt, being put forth at the Int. aforeſaid.

And the twentieth Number in the Table ſheweth the Numerator of that improper Fra-

ctio

ction of pounds, having for Denominator an Vnit, and twenty Ciphers, that 1.l. will produce for Principall and Intereſt, at 20. yeares end, being likewiſe put forth at the ſaid Intereſt. And ſo of all the reſt.

## The ſecond Direction.

*To finde what* 1.l. *Annuity for any Number of yeares is worth to be paid for, when the Annuity ceaſeth.*

Firſt, finde in the Table the number of years for which the Annuity is to endure.

From the number in the Table, which ſtandeth by this number of yeares, deduct ſuch a number as is equall unto the Denominator which unto this Number in the Table appertaineth, and before the remainder place a Cipher:

This Number ſhall be Numerator.

The Denominator wherof muſt be the ſame Denominator, which to the Number in the Table, with which you now worke, belongeth.

So ſhall you have an improper Fraction of pounds, that will ſhew what 1.l. Annuity to endure for the time given is worth, to be paid at the end thereof.

## The third Direction.

*To finde what* 1.l. *Annuity, to endure for any number of yeares is worth, to be paid for preſently in ready money.*

To find the Numerator, take the ſame courſe which was ſhewed in the laſt Direction to find the Numerator there.

Then take for Denominator the Number in the Table, which ſtandeth againſt the number of yeares for which the Annuity is to endure.

So ſhall you have an improper Fraction of pounds, that will ſhew what 1.l. Annuity, to endure the time given, is worth ready money.

## The fourth Direction.

*To finde what any Principall, put forth for any number of yeares, will amount unto at the end thereof.*

Finde by the firſt Direction, what 1 l. being put out for the time given, will proceed unto by the end thereof.

Then,

As 1. l. is unto your Principall propounded
So is the Proceed of 1.l. unto the Proceed of your Principall required.

The

## The fifth Direction.

*To finde what any ſumme, due at the end of any number of yeares, is worth in ready money.*

Finde by the firſt Direction, what 1.l. being put out for the time given, will proceed unto, by the end thereof.

Then,

As the Proceed of 1.l. is unto the money given.

So is 1.l. unto the money required.

## The ſixth Direction.

*To finde what any Annuity, to indure for any terme of yeares, is worth, to be paid for when the Annuitie ceaſeth.*

Finde by the ſecond Direction, what 1.l. Annuity, to endure for the time given, is worth to be paid at the end thereof.

Then,

As 1.l. Annuity is unto the Annuity propounded:

So is the Proceed of 1.l. Annuity, unto the Proceed thereof.

The

## The ſeventh Direction.

*To finde what any Annuity, to endure for any number of yeares, is worth in ready money.*

Finde by the third Direction, what 1.l. Annuity to endure the time given, is worth in readie money.

Then,

As 1.l. Annuity is to your Annuity propounded:

So is the readie money of 1.l. Annuity, unto the ready money required.

## The eight Direction.

*To finde what Annuity for any number of yeares, may be bought for any ſumme propounded.*

Finde by the third Direction, what 1.l. Annuity, to endure the time given, is worth in ready money.

Then,

As the ready money of 1.l. Annuity is to the ſumme propounded:

So is 1.l. Annuity, unto the Annuity required.

The

## The ninth Direction.

*To finde what ready mony shall be delivered with a lesse Annuity, in exchange for a greater Annuity, for any equall terme of yeeres.*

Abate the yeerly value of the lesse Annuity from the yeerly value of the greater Annuity.

Then finde by the seventh Direction, what the Remainder, esteemed as an Annuity for the time given, is worth in ready mony.

That ready mony resolveth you.

## The tenth Direction.

*How to lessen the yeerly Rent of House or Land, by increasing the Fine; or how to lessen the Fine, by increasing the Rent.*

Here for the lessening of the Rent,

Finde by the seventh Direction, what the summe diminisht, esteemed as an Annuity, is worth ready mony.

Which ready mony adde to the Fine given.

The Aggregate sheweth the new Fine.

Finde by the eighth Direction, what Annuity may be bought for that quantity of the Fine which

which the Tenant deſireth to abate.

This Annuity, ſo found, adde unto the yeerly Rent given.

The Aggregate ſheweth the new Rent.

## The eleventh Direction.

*To finde what Annuity, for any number of yeers, one may buy for any ſumme named, when the Annuity begineth preſently, and yet the buyer hath time for the payment of his mony.*

Find by the fift Direction, what the buyers mony is worth to bee payd preſently, in ready mony.

Then by the eighth Direction finde what Annuity to endure for the time given, may bee bought for that ready mony.

That Annuity is the Annuity reqnired.

## The twelfth Direction.

*To finde if a Leaſe in Reverſion be offered in ſale for ready mony, what annuall Rent, beginning and continuing with the Leaſe, ſhall bee paid to countervaile the preſent Fine.*

Find by the fourth Direction, what the Fine will

will amount unto, being put out for ſo many yeeres as are to come between the bargain and the beginning of the Leaſe.

Then, by the eighth Direction, finde what Annuity to endure for like time with the Leaſe, may be bought for that Fine ſo encreaſed.

That Annuity is the annuall Rent required.

## The thirteenth Direction.

*To finde what Annuity for a certaine number of yeeres, an Annuity for a leſſe or greater number of yeers, with ſome mony being delivered therewith, will purchaſe, to begin preſently.*

Finde by the ſeventh Direction, what the buyers Annuity is worth ready mony: to that ready mony adde the mony he will deliver with the Annuity.

Then by the eigth Direction, finde what Annuity this Aggregate will buy, to endure the time given.

That Annuity is the Annuity required.

## The fourteenth Direction.

*To finde what ready mony ought to bee paid for a Leaſe, certain yeeres thereof being of ſome certain*

*tain yeerly leſſe value than the reſt.*

As if the Leaſe ſhould from the beginning to the end thereof, beginne and continue in the greateſt profit; finde by the ſeventh Direction, what that annuall profit is worth ready mony.

Then finde alſo by the ſeuenth Direction, what the difference of the annuall profits, ſuppoſed to continue during the time of the leaſt annuall profit, is worth ready mony.

Abate this laſt concluſion from the former.

The remainder is the ready mony that ought to be paid for the Leaſe.

## The fifteenth Direction.

*The price or Fine of a Leaſe, to indure for a certaine number of yeeres, being knowne: To finde what a greater or leſſer number of yeeres is worth after that rate, not altering the Rent.*

Finde by the eighth Direction, what Annuity, to endure with the firſt Leaſe, may bee bought for the Fine.

Then, by the ſeventh Direction, finde what this laſt found Annuity, eſteemed to endure with the ſecond Leaſe, is worth in ready mony.

That ready mony is the value of the ſecond Leaſe. Theſe

Theſe Directions may ſuffice (if they be not more than ſufficient) to the ingenious, not only for ſuch caſes as before are mentioned, but alſo for the reſolution of divers other queſtions.

Notwithſtanding, becauſe the Readers acquaintance with *Arithmetick* may perhaps be leſſe than ſeemeth in theſe Directions to bee required, wee will ſhew the things more plainly by Queſtions, and Inſtructions how to work thoſe Queſtions, in ſuch eaſie manner, that if hee can but performe Addition, Subtraction, Multiplication, and Diviſion, hee may bee able to finde out their Solutions.

After each Inſtruction, wee will worke the Queſtions by a better ordered *Arithmeticall* way; and yet in ſuch ſort, as ſhall not be hard to be perceived by thoſe who have ſuch skill in that worthy Art of Numbers, as were to bee wiſhed might be found more cõmon than it is.

But, before you come to the Queſtions, know this; that as if thou worke with the Numbers themſelves in the Table, thou ſhalt finde the true and exact Solutions.

So if thou ſhalt work with the numbers in the Breviat following, thou ſhalt more briefly reſolve thoſe Queſtions.

And yet the difference, between this Solution & the former, will not amount to a farthing in 10000 l.

The

# The Breviat of the Table of 10 *per cent.*

| *Yeeres.* | | | *Yeeres.* |
|---|---|---|---|
| 1 | 11000000 | 45949729 | 16 |
| 2 | 12100000 | 50544702 | 17 |
| 3 | 13310000 | 55599173 | 18 |
| 4 | 14641000 | 61159090 | 19 |
| 5 | 16105100 | 67274999 | 20 |
| 6 | 17715610 | 74002499 | 21 |
| 7 | 19487171 | 81402749 | 22 |
| 8 | 21435888 | 89543024 | 23 |
| 9 | 23579476 | 98497326 | 24 |
| 10 | 25937424 | 108347059 | 25 |
| 11 | 28531167 | 119181765 | 26 |
| 12 | 31384283 | 131099941 | 27 |
| 13 | 34522712 | 144209936 | 28 |
| 14 | 37974983 | 158630929 | 29 |
| 15 | 41772481 | 174494922 | 30 |

Theſe Numbers in this Breviat muſt alſo be eſteemed Numerators, each of them having for Denominator 10000000.

Now follow the Queſtions: In working whereof, we will uſe this Breviat.

Th

## The firſt Queſtion, being an example of the firſt Direction.

*If* 1 l. *be put forth at Intereſt after* 10. per Cent. per Annum, *Intereſt, and Intereſt upon Intereſt, for* 30. *yeares; Vnto how much will it amount by the end of that time?*

BEcauſe the time in this Queſtion is 30. yeares, looke in the Breviat next before ſet downe, for the thirtieth number; which you ſhall finde to be 174494022. from this cut off 7. figures, beginning to tell from your right hand towards your left, and then it will ſtand thus: 17|4494022. The 17. that ſtandeth on your left hand is 17 l.

Now Multiplie 4494022. (the 7. figures cut off) by 20. and the product will be 89880440. from this alſo cut off 7. figures, and then it will ſtand thus 8|9880440. The 8. on your left hand is 8 ſh.

Now Multiply 9880440. the figures laſt cut off) by 12. and the product will bee 118565280. from this alſo cut off 7. figures, and it will ſtand thus 11|8565280. The 11. on your left hand is 11 d.

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| Yeares. | | | Yeares. |
|---|---|---|---|
| 1 | 11000000 | 45949729 | 16 |
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| 6 | 17715610 | 74002499 | 21 |
| 7 | 19487171 | 81402749 | 22 |
| 8 | 21435888 | 89543024 | 23 |
| 9 | 23579476 | 98497326 | 24 |
| 10 | 25937424 | 108347059 | 25 |
| 11 | 28531167 | 119181765 | 26 |
| 12 | 31384283 | 131099941 | 27 |
| 13 | 34522712 | 144209936 | 28 |
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Th

## The firſt Queſtion, being an example of the firſt Direction.

*If* 1 l. *be put forth at Intereſt after* 10. per Cent. per Annum, *Intereſt, and Intereſt upon Intereſt, for* 30. *yeares; Vnto how much will it amount by the end of that time?*

BEcauſe the time in this Queſtion is 30. yeares, looke in the Breviat next before ſet downe, for the thirtieth number; which you ſhall finde to be 174494022. from this cut off 7. figures, beginning to tell from your right hand towards your left, and then it will ſtand thus: 17|4494022. The 17. that ſtandeth on your left hand is 17 l.

Now Multiplie 4494022. (the 7. figures cut off) by 20. and the product will be 89880440. from this alſo cut off 7. figures, and then it will ſtand thus 8|9880440. The 8. on your left hand is 8 ſh.

Now Multiply 9880440. the figures laſt cut off) by 12. and the product will bee 118565280. from this alſo cut off 7. figures, and it will ſtand thus 11|8565280. The 11. on your left hand is 11 d.

So have you found, that if 1 l. be put forth at Intereſt after 10. *per Cent. per Annum*, Intereſt, and intereſt upon Intereſt for 30. yeares, it will amount by the 30. yeares end, unto 17 l. 8 ſh. 11 d.

The Worke.

| | | |
|---|---|---|
| *Facit* | l 17 | 4494022 |
| | ſh 8 | 988044 |
| | 11 d | 856528 |

## The ſecond Queſtion, being an example of the ſecond Direction.

*If* 1 l. *Annuity, to endure* 12. *yeares, be all reſpited till the laſt payment grow due, and then all be received together with the Intereſt, after* 10. per Cent. per Ann. *Intereſt and Intereſt upon Intereſt, of the other* 11 *payments; What will they amount unto by the ſaid* 12. *yeares end?*

Becauſe the time in this Queſtion is 12 yeares, looke in the Breviate for the twelfth Number, which is 31384283. from this ſubtract 10000000. (being a Number equall to the Denominator of the ſaid twelfth Numb

in the Breviat) ſo reſteth 21384283. Before this remainder place a Cipher, and it will be 213842830. from this cut off 7. figures, and it will ſtand thus; 21|3842830. The 21. on your left hand is 21 l.

Now Multiply 3842830. (the figures cut off) by 20. and the product will be 76856600. from this alſo cut off 7. figures, and it will ſtand thus; 7|6856600. The 7. on your left hand is 7 ſh.

Now Multiply 6856600. (the figures laſt cut off) by 12. and the product will bee 82279200. from this alſo cut off 7. figures, and it will ſtand thus; 8|2279200. the 8. on your left hand is 8 d.

So have you found, that if 1 l. Annuity for 12. yeares be all forborne till the 12. yeares end, to have allowance of 10. *per Cent. per Annum*, Intereſt, and Intereſt upon Intereſt, it will then amount unto 21 l. 7 ſh. 8 d. &c.

The Worke.

| | | | |
|---|---|---|---|
| *Facit* | l | 21 | 3842830 |
| | ſh | 7 | 6856600 |
| | d | 8 | 2279200 |

## The third Queſtion, being an example of the third Direction.

*If* 1 *l. Annuity, to endure* 21 *yeeres be to be ſold for ready mony, to be received preſently; How much ought that ready mony to bee, reckoning* 10 per Cent. per Annum, *intreſt, and intreſt upon intreſt?*

Becauſe the time in this Queſtion is 21 yeeres, looke in the Breviat for the one and twentieth Number, which is 74002499. from this ſubtract 10000000. and there will remaine 64002499. before this place a cipher, and it will bee 640024990. Divide this by 74002499. (the ſaid one and twentieth Number in the Breviat) and the quotient will bee 8 l. and there will remaine 48004998, which multiply by 20, and the product will bee 960099960, which divide by the ſaid 74002499, and the quotient will bee 12 ſh. and then remaineth 72069972, which multiply by 12, and the product will be 864839664 which divide by the ſaid 74002499, and the quotient will be 11 d.

So have you found that 1 l. Annuity, to endure 21 yeeres, is worth 8 l. 12 ſh. 11 d. &c

ready

ready mony, reckoning 10 *per Cent. per Ann.* intrest, and intrest upon intrest.

The Worke.

| | | | |
|---|---|---|---|
| 74002499 . . 1 . . | | ~~64~~ ~~00~~ ~~24~~ ~~99~~ ~~0~~ | |
| 3700124 | *Facit* 8. | 12. | 11 d. &c. |
| | | ~~1~~86 | 3~~7~~~~5~~8 |
| 308 | | ~~1~~ | 51 |
| | | 3 | |

## The fourth Question, being an example of the fourth Direction.

*If* 1000 *l. bee put forth at intrest for* 17 *yeeres, after* 10 per Cent. per Ann. *intrest, and intrest upon intrest; Vnto what sum will it amount by the end of that time?*

Because the time in this Question is 17 yeeres, look in the Breviat for the seventeenth Number; which you shall find to be 50544702 multiply this by 1000 l. (the principall named in the Question) and the product will bee 50544702000, from this cut off 7 figures, and it will stand thus, 5054|4702000. The 5054 on your left hand are 5054 l.

Now multiply 4702000 (the figures cut off) by 20, and the product will bee 94040000,

from this alſo cut off 7. figures, and it will ſtand thus; 9 | 4040000. The 9. on your left hand is 9 ſh.

Then Multiply 4040000 (the figures laſt cut off) by 12. and the product will be 48480000 from this alſo cut off 7. figures, and it will ſtand thus; 4|8480000. The 4. on your left hand is 4 d.

So have you found, that if 1000 l. be put forth at Intereſt for 17. yeares, it will amount unto, by the 17. yeares end, 5054 l. 9 ſh. 4 d. &c. reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt upon Intereſt.

The Worke.

| | | | | | |
|---|---|---|---|---|---|
| 1 | : : | 1000 | . . | l 5054 | 4702 |
| | | | *Facit* | ſh 9 | 404 |
| | | | | d 4 | 848 |

## The fift Queſtion, being an example of the fift Direction.

*If a Leaſe for* 30. *yeares, to begin preſently, be worth* 1000 l. *What is it worth in Reverſion, to begin at* 7. *yeares end, reckoning* 10. per Cent. per Annum, *Intereſt, and Intereſt upon Intereſt?*

Here, in effect the drift is to find what 10

l. due at 7. yeares end, is worth now: which to finde do thus;

Becauſe the time is 7. yeares, therefore looke in the Breviat for the ſeventh Number, which is 19487171. This is your Diviſor.

To finde your Dividend, becauſe the Denominator of 19487171. (your Diviſor) is 10000000. therefore Multiply 1000 l. (the money due at 7. yeares end) by the ſaid 10000000. & the product wil be 10000000000 This Number is your Dividend.

Divide 10000000000 (your Dividend now found) by 19487171 (your Diviſor before found) and the quotient will be 513 l. and the remainder will be 3081277. which Multiply by 20. and the product will be 61625540. which divide by the ſaid Diviſor, and the quotient will be 3 ſh. and the remainder will bee 164027. which Multiply by 12. and the product will be 37968324. which Divide by the ſaid Diviſor, and the quotient will be 1 d.

So have you found, that when a Leaſe in *Eſſe* worth 1000 l. the ſame Leaſe in Reverſion, after 7. yeares, is worth 513 l. 3 ſh. 1 d. &c. reckoning 10. *per Cent. per Ann.* Intereſt, and Intereſt upon Intereſt.

The Work.

19487171 . . 1000 . . 1

*Facit* 513.l.3 ſh.1 d.&c

974358
811

## The ſixt Queſtion, being an example of the ſixt Direction.

A. *owes to* B. 800 *l. to be paid in* 8 *yeeres* viz. *at the end of each yeere* 100 *l. They both agree to reſpite theſe payments till the end of the* 8 *yeeres; at which time the whole* 800 *ſhall bee payd, with the intreſt after* 10 *per* Cent. per Annum, *intreſt, and intreſt upon intreſt: they therefore demand, what the ſame is that* A. *ſhould pay unto* B. *at the* 8 *yeeres end.*

Becauſe the time in this Queſtion is 8 yeeres looke in the Breviat for the eighth Number which is 21435888, from this deduct 10000000, and there will remaine 11435888 before this place a cipher, and it will be 114358880, which multiply by 100 l. (the yeerely

yeerely payment named in the Queſtion.) and the product will bee 11435888000. from this cut off 7 figures, and it will ſtand thus, 1143|5888000. The 1143 on your left hand are 1143 l.

Now multiply 5888000 (the figures cut off) by 20, and the product will bee 117760000, from this alſo cut off 7 figures, and it will ſtand thus, 11|7760000. The 11 on your left hand are 11 ſh.

Next multiply 7760000 (the figures laſt cut off) by 12, & the product will be 93120000, frō this alſo cut off 7 figures, and it will ſtand thus, 9|3120000. The 9 on your left hand is 9 d.

So have you found that 100 l. *per Ann.* for 8 yeeres, all forborne till the 8 yeeres end, will amount unto, by the 8 yeeres end, 1143 l. 11 ſh. 9 d. &c. reckoning 10 *per Centum, per Annum,* intreſt, and intreſt upon intreſt.

The Work.

| | | | | |
|---|---|---|---|---|
| 1 . . 100 . . | *Facit* | l | 1143 | 5888 |
| | | ſh | 11 | 776 |
| | | d | 9 | 312 |

## The ſeventh Queſtion, being an example of the ſeventh Direction.

*There is an extent upon certaine Lands for* 600 l.

600 l. *to be received by* 50 l. per Ann. *The owner of the Lands agreeth with his Creditor to buy out this Extent with ready mony, reckoning* 10. per Cent. per Annum, *Intereſt, and intereſt upon Intereſt: they therefore demand, How much that ready mony ought to be?*

Conſider, that if 600 l. be paid by 50 l. *per Annum*, it will be 12. yeares in paying. Therefore looke in the Breviat for the twelfth Number, which is 31384283. from this Subtract 10000000. and there will remaine 21384283, before this place a Cipher, and it will bee 213842830. Multiply this by 50 l. (the yearly payment named in the Queſtion) and the product will bee 10692141500. Divide this by 31384283 (the ſaid twelfth Number in the Breviat) and the quotient will be 340 l. and there will remaine 21485280. which Multiply by 20. and the product will be 429705600. which Divide by the ſame 31384283. and the quotient will be 13 ſh. and there will remaine 21709921. which Multiply by 12. and the product will be 260519052. which Divide by the ſame 31384283. and the quotient will be 8 d.

So have you found, that the owner of the Lands, to buy out the Extent of 50 l. *per Annum* for

for 12. yeares, muſt pay in ready money 340 l. 13 ſh 8 d. &c. reckoning 10. *per Cent. per Annum*, Intereſt, and Intereſt upon Intereſt.

The Worke.

213842830 *Facit* 340. 13. 8 d. &c.

1.50.

31384283

1569214

1307

The eighth Queſtion, being an example of the eighth Direction.

*What Annuity to endure* 21. *yeares, is worth* 300 l. *reckoning* 10. per Cent. per An. *Intereſt, and Intereſt upon Intereſt.*

Becauſe the time in this Queſtion is 21. yeares, looke in the Breviat for the one and twentieth Number, which is 74002499. from this Subtract 10000000. and there will remaine 64002499. before this place a Cipher, and it will be 640024990. This number is your Diviſor.

To finde your Dividend, do thus: Multiply

300

300 l. (the price of the Annuity to be bought, named in the Question) by 74002499. (the said one and twentieth Number in the Breviat) and the product will be 22200749700. This number is your Dividend.

Wherefore divide 22200749700 (your Dividend now found) by 640024990 (your Divisor before found) and the quotient will bee 34 l. and there will remaine 439900040, which multiply by 20, and the product will be 8798000800. Divide this by the said Divisor, and the quotient will be 13 sh. and there will remain 47767593, which multiply by 12, & the product will be 573211116, which divide by the said Divisor, and the quotient will be 8 d.

So the answer is, that 34 l. 13 sh. 8 d. *per Annum*, for 21 yeeres, is worth 300 l, reckoning 10 *per Cent. per Ann.* intrest, and intrest upon intrest.

The Work.

| | | | |
|---|---|---|---|
| 640024990 | | | |
| 74002499 | . . 300 . . | | 1 |
| | *Facit* | 34. 13. | 8 d &c. |
| | | 22200749700 | |
| 3200124 | | 343998764 | |
| | | 1138 | 392 |
| 2666 | . | 2 | |

The

## The ninth Queſtion, being another example of the eighth Direction.

*If a Leaſe, to endure* 13 *yeeres, be offered for* 200*l. and the Leſſee deſire rather to pay an annuall Rent, the Queſtion is, what that annuall Rent ought to be, reckoning* 10 per Cent. per Ann. *intreſt, and intreſt upon intreſt, that one of theſe bargains may be as good as the other to both the parties.*

The drift in this Queſtion (as you ſee) is to finde what Annuity to endure 13 yeeres is worth 200l. ready mony: therefore this Queſtion is like the laſt. Wherefore you muſt take the like courſe here as you did there, which is as followeth:

Becauſe the time in this Queſtion is 13 yeers, therfore look in the Breviat for the thirteenth Number, which is 34522712, from this ſubtract 10000000, and there will remaine 24522712, before this place a cipher, and it will be 245227120. This is your Diviſor.

To finde your Dividend, multiply 200 l. (the Fine named in the Queſtion) by 34522712 (the ſaid thirteenth Number in the Breviat) and the product will bee 6904542400. This

is

is your Dividend.

Wherefore Divide 6904542400. (your Dividend now found) by 245227120. (your Divisor before found) and the quotient will be 28 l. and there will remaine 38183040. which Multiply by 20. and the product will be 763660800. Divide this by your said Divisor, and the quotient will be 3 sh. and there will remaine 27979440. which Multiply by 12. and the product will be 335753280. Divide this by the said Divisor, and the quotient will be 1 d.

So have you found, that 28 l. 3 sh. 1 d. &c. *per Ann.* for 13. yeares, is neither better nor worse then 200 l. in ready money, reckoning 10. *per Cent. per Ann.* Interest, and Interest upon Interest.

The Worke.

245227120
———————— . . 200 . .
34522712

*Facit* 28. 3. 1 d. &c.

6904542400
& 381839
1398

1226135
102

## The tenth Queſtion, being an example of the ninth Direction.

A. *and* B. *have each of them an Annuity to endure* 15. *yeares: the Annuity of* A. *is* 70 l. *the Annuity of* B. *is* 150 l. *They agree to exchange their Annuities; and that* A. *ſhall pay, in ready money, ſo much as ſhall countervaile the difference of the Annuities. The Queſtion is, How much ready money* A. *ſhall pay to* B. *reckoning* 10. per Cent. per Annum, *Intereſt, and Intereſt upon Intereſt?*

Firſt, abate the leſſe Annuity from the greater, and there will remaine 80 l. Then finde what 80 l. *per Annum*, for 15. yeares is worth ready money: which thus do;

Becauſe the number of yeares is 15. therefore look in the Breviat for the fifteenth Number, which is 41772481. from this Subtract 10000000. ſo reſteth 31772481. before this place a Cipher, and it will bee 317724810. Multiply this by 80 l. the Annuity (whoſe value in ready money you now ſeeke) and the product will be 25417984800. this Number is your Dividend: which Divide by 41772481. (the ſaid fifteenth Number in the Breviat) and the

the quotient will bee 6081. and there will remaine 20316352, which multiply by 20, and the product will be 406327040, which divide by the ſaid 41772481, and the quotient will bee 9 ſh, and there will remaine 30374711, which multiply by 12, and the product will be 364496532, which divide by the ſaid 41772481, and the quotient will be 8 d.

So have you found that A. muſt pay to B. 6081. 9 ſh. 8 d. &c. ready mony, to make the exchange of 70 l. Annuity for 1501. Annuity for 15 yeeres, equall, reckoning 10 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The Work.

| | 317724810 | *Fa* 608. 9. 8 d. &c. |
|---|---|---|
| 1 . . 80 . . | 41772481 | 2541798480 |
| | 2088624 | 3544962 |
| | | 21318 |
| | 174 | 5 7 |

## The eleventh Queſtion, being an example of the tenth Direction.

*There is a Leaſe to bee ſold for* 30 *yeeres, whereof the Fine is* 100 *l. and the yeeres Rent* 10 *l. the Leſſee deſireth to pay leſſe Rent, and there-*

*therefore is content to give a greater Fine. The question is therefore, if the yeerely Rent bee decreased to 4 l. How much the Fine ought to bee encreased, reckoning* 10 per Cent, per Annum, *intrest, and intrest upon intrest?*

First, you see, that if the 10 l. Rent bee decreased to 4 l. Rent, the Rent is diminished 6 l. *per Annum.*

Therefore finde what 6 l. *per Annum*, for 30 yeeres, is worth ready mony, working after the same manner as you did in the last Question, and in the seventh Question; only remembring to take the Numbers in the Breviat, according to the yeeres in the Question: and you shall finde, that 6 l. *per Ann*, for 30 yeeres, is worth in ready mony, 56 l. 11 sh. 2 d. &c. whereby it appeares, that if the Lessee abate 6 l. of his yeerely Rent, hee must encrease his Fine of 100 l. to 156 l. 11 sh. 2 d. &c.

The Work.

| | | |
|---|---|---|
| | 1644940220 | *Facit* 56.11.2.d.&c. |
| 1 . . 6 . . | | |
| | 174494022 | ~~9869641320~~ |
| | 8724701 | ~~1144976288~~ |
| | | ~~97729~~ 377 |
| | 727 | . ~~1~~2 4 |

## The twelfth Queſtion, being another example of the tenth Direction.

*If the Leaſe of an houſe for* 21 *yeeres, be worth* 100 *l. Fine, and* 10 *l.* per Ann. *Rent: Of how much yeerely Rent ought it bee, to bring the Fine down to* 60 *l. reckoning* 10 per Centum, per Annum, *intreſt, and intreſt upon intreſt?*

Firſt, it is manifeſt, if the Fine of 100 l. be decreaſed to 60 l. that the taker of the Leaſe abateth 40 l. of his Fine.

Therefore finde what Annuity for 21 yeeres 40 l. will buy: which to finde, worke as you were taught to worke the eighth Queſtion, and you ſhall finde that 4 l. 12 ſh. 5 d. &c. Annuity for 21 yeeres, is worth 40 l. ready money reckoning 10 *per Cent. per Annum*, intreſt, and intreſt upon intreſt. Whereby you ſee, that if the Leſſee bring down his Fine of 100 l. to 60 l. hee muſt raiſe his Rent of 10 l. to 14 l. 12 ſh. 5 d. &c.

The Work.

640024990 . . 40 . . 1

74002499

*Facit* 4. 12. 5 d. &c.

*2960099996*

3200124 *47998762*

2666 15 51

## The thirteenth Queſtion, being an example of the eleventh Direction.

*What Annuity, to endure* 10 *yeeres, may I grant for* 500 *l. to bee received at* 4 *yeeres end, reckoning* 10 per Cent. per Annum, *intreſt, and intreſt upon intreſt?*

To finde your Dividend, do thus:

Becauſe the 500 l. (the price of the Annuity in the Queſtion) is to be payd at 4 yeeres end, therefore multiply it by the Denominator of the fourth Number in the Breviat; which is 10000000. (being alſo Denominator to every Number in the Breviat, as before under the Breviat is ſhewed) and the product will bee 5000000000, which multiply by 2593742.

(the tenth Number in the Breviat) becauſe the Annuity demanded in the Queſtion is to endure 10 yeares, and the product will be

1296871200000000000.

This Number is your Dividend.

To finde your Diviſor do as followeth:

Becauſe the time of the Annuity to bee granted is 10 yeares, therefore looke in the Breviat for the tenth Number, which is 2 5 9 3 7 4 2 from this ſubtract 10000000, and there will remaine 15937424, before this, place a cipher and it will be 159374240, which multiply by 14641000 (the fourth Number in the Breviat) becauſe the 500 l. (the price of the Annuity in the Queſtion) is to be paid at 4 yeares end: and the product will be

2333398247840000.

This Number is your Diviſor.

By this Diviſor now found, divide the Dividend above-found, and the quotient will be 55 l. and there will remaine

1350216368800.

With which remainder, work as in divers Queſtions before you have been inſtructed to worke with remainders: and you ſhall finde this remainder to be in value 11 ſh. 6 d. &c.

So have you found that the Annuity to endure 10 yeares, which I may grant for 500 l.

be received at 4 yeares end, is 55 l. 11 sh. 6 d. &c. reckoning 10 *per Cent. per Annum*, intrest, and intrest upon intrest.

The Work.

| | | | |
|---|---|---|---|
| 14641 | . . | 500 | . . 1 |
| 15937424 | | 5000000 | |
| | . . | | . . 1 |
| 15937424 | | 14641 | |
| 63749696 | | | |
| 95624544 | | | |
| 63749696 | | | |
| 15937424 | *Facit* 55. 11. 6 d. &c. | | |
| 333398247 84 | | | |
| | | | 81 |
| 1666991239 | | | |
| | | 868 | 72325 |
| 972 | | 6 | 3 |

## The fourteenth Question, being an example of the twelfth Direction.

*I have* 10 *yeares yet to come of an old Lease: I would take a new Lease in Reversion, to endure* 21 *yeares, after the expiration of mine old Lease; for which I am demanded* 100 *l. to be paid now. Instead whereof, I offer such an annuall Re[illegible]uring the new Lease,*

*as ſhall countervaile the ſaid preſent Fine, reckoning* 10 per Cent. per Annum, *intreſt, and intreſt upon intreſt. Mine offer is accepted: therefore I demand, What the annuall Rent ſhall be?*

Becauſe the old Leaſe is yet to endure 1 yeares, look in the Breviat for the tenth Number, which is 25937424. Multiply this by 10 (the Fine demanded) and the product will 2593742400. Now becauſe the new Leaſe to endure 21 yeares, looke in the Breviat the one and twentieth Number, which 74002499. by this multiply the 259374240 (before found) and the product will be

191943419362257600

This Number is your Dividend.

To finde your Diviſor, do as followeth:

Becauſe the Leaſe in Reverſion is to end 21 yeares, therefore from 74002499 (the one and twentieth Number in the Breviat) tract 100000000, and there will rema 64002499 before this, place a cipher, and will bee 640024990, multiply this 10000000, (the Denominator to the ſaid te Number in the Breviat) and the product w be 6400249900000000.

This Number is your Diviſor.

Divide therefore your Dividend be fou

found, by your Diviſor now found, & the quoent will be 29 l. And as touching the Remainder, if you ſhall work with it, as before you have beene inſtructed to worke with Remainders, you ſhall finde the value thereof to bee 19 ſh. 9 d. &c.

So have you found, that the annuall Rent of 29 l. 19 ſh. 9 d. &c. to begin at 10 yeares end, and to endure 21 yeares, will countervaile 100 l. ready mony, reckoning 10 *per Cent. per Annum*, intreſt, and intreſt upon intreſt.

The Work.

1 . . 100 . . 25937424

640024990

. . 25937424 . . 1

74002499

233436816
233436816
103749696
51874848
103749696
181561968

*Facit* 29. 19. 9 d. &c.

3200124

26

## The fifteenth Queſtion, being an example of the thirteenth Direction.

*What Annuity to endure 21 yeares, worth 200 l. ready mony, and an Annuity 50 l. per Annum for 7 yeares, reckoning 10 p Cent. per Ann. intreſt, and intreſt upon intreſt.*

Firſt, account him the Buyer in this Que on, that ſhould give thee 200 l. ready mo and the 50 l. Annuity.

Then, becauſe the Buyer his Annuity of 5 is to endure 7 yeares, therefore looke in Breviat for the ſeventh Number, which 19487171, from this ſubtract 10000000, there will remaine 9487171, before this pl a cipher, and it will bee 94871710. Multi this by 50 l. the (Buyer his Annuity) and product will be 4743585500.

Next, becauſe the Buyer his Annuity i endure 7 yeares, therefore by the ſaid ſeve Number in the Breviat, being 1 9 4 8 7 1 7 multiply 200 l. (the Buyers ready mony) a the product will be 3897434200.

Which adde unto 4 7 4 3 5 8 5 5 0 0 be found, and the Aggregate will be 8641019 which multiply by the one and twenti

Numb

Number in the Breviat, being 74002499 (becauſe the Annuity to bee bought is to endure 21 yeares) and the product will be

63945705 1708230300

This Number is your Dividend.

To finde your Diviſor, do as followeth:

Becauſe the Annuity to bee bought is to endure 21 yeares, therefore from the one and twentieth Number in the Breviat, being 74002499, ſubtract 10000000, and there will remaine 64002499, before this place a cipher, and it will be 640024990, which multiply by 19487171 (the ſeventh Number in the Breviat) becauſe the Buyer his Annuity is to endure 7 yeares, and the product will be

12472276424403290.

This Number is your Diviſor.

Divide the Dividend above-found, by this Diviſor now found, and the quotient will bee 5 1 l. And as touching the Remainder; if you ſhall worke with it as before you have beene taught to worke with Remainders, you ſhall finde the value thereof to be 5 ſh. 4 d. &c.

So the anſwer is, that 5 1 l. 5 ſh. 4 d. &c. *per Annum*, for 21 yeares, is worth 200 l. ready mony, and 50 l. Annuity for 7 yeares, reckoning 10 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The

## The Worke.

1 . . 50 . . 94871710 — 19487171

4743585500
3897434200
86410197

640024990 . . 8641019700 . . 1
74002499 — 19487171
175384539 — 604871379
175384539 — 345640788
77948684 — 172820394
38974342 — 3 56 0788
77948684 — 777691773
116923026 — 77769177

1247227642440329 — 63945705 17082303

*Facit* 51. 5. 4d. &c.

1584323 4483 66 58
62361382122016 — 337295 9675 25
519 — 25 88 5 17

## The sixteenth Question, being an exampl of the fourteenth Direction.

*There is a Lease for 30 yeares yet to com*
*where*

*whereof the preſent yearly profit, all out-rents paid, is* 10 *l. but after* 21 *yeares it will yeeld* 28 *l. yearly, all out-rents payd. This Leaſe is offered in ſale: the Queſtion is, What may be given for it, reckoning* 10 per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

Suppoſe the greateſt annuall profit doth begin and continue the whole 30 yeares.

Firſt, therefore finde what 28 l. *per Annum* for 30 yeares, is worth ready mony, thus:

Becauſe the time, that the 28 l. *per Annum* profit is ſuppoſed to endure, is 30 yeares, therfore looke in the Breviat for the thirtieth Number, which is 174494022, from this ſubtract 10000000, and there will remain 164494022 before this place a cipher, and it will bee 1644940220. Multiply this by the ſaid 28 l. and the product will be 46058326160, which divide by 174494022 (the ſaid thirtieth Number in the Breviat) and the quotient will be 263 l. and the value of the Remainder you ſhall finde to be 19 ſh. &c.

So have you found, that 28 l. *per Annum* for 30 yeares, is worth ready mony.

263 l. 19 ſh. &c.

Now becauſe for 21 yeares of this 30 yeares there is but 10 l. *per Annum* profit, and you have

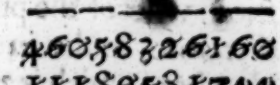
have reckoned 28 l. *per Annum* profit; therefore ſubtract 10 l. from 28 l. ſo will reſt 18 l. Which ſheweth, that the ſaid 263 l. 19 ſh. &c. before found, is too much by ſo much as 18 l. *per Annum* for 21 yeares, is worth ready mony.

Therefore finde what 18 l. *per Annum* for 21 yeares, is worth ready mony: which to do, work as you wrought in finding what 28 l. *per Annum* for 30 yeares, was worth ready mony; only altering the Number in the Breviat according as the nnmber of yeares alters; and you ſhall finde that 18 l. *per Annum* for 21 yeares is worth in ready mony 155 l. 13 ſh. 6 d. &c. which 155 l. 13 ſh. 6 d. &c. (the value of 18 l. *per Annum* for 21 yeares) ſubtract from 263 l. 19 ſh. &c. (the value of 28 l. *per Annum* for 30 yeares) and you ſhall finde remayning,

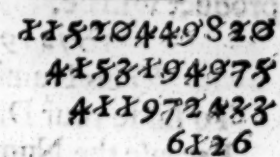
108 l. 5 ſh. 6 d. &c.

Which is the value of that Leaſe that yeelds for 21 yeares 10 l. *per Annum* profit; and after 21 yeares, till 30 yeares be expired, 28 l. *per Annum* profit, reckoning 10 *per Cent. per Ann.* intreſt and intreſt upon intreſt.

The work.



| | | |
|---|---|---|
| | 1644940220 | 6579760880 |
| 1..28.. | | |
| | 174494022 | 263.19 sh.&c. |
| | | ~~4605832616~~0 |
| | | ~~1118958174~~4 |
| 8724701 | | ~~6668984~~75 |
| | | ~~1793513~~6 |
| 72 | | ~~1~~29 5 |
| | | 6 |
| | 640024990 | 1280049980 |
| 1..18.. | | |
| | 74002499 | 155.13.6 d.&c. |
| | | ~~1152044982~~0 |
| | | ~~4153194975~~ |
| 3700124 | | ~~4119724~~33 |
| 308 | | ~~6~~126 |
| | *Facit* 108 l. 5 sh. 6 d.&c. | 8 |



## The seventeenth Question, being an example of the sixteenth Direction.

*If the Lease of an House or Land for* 10 *yeares be worth* 100 *l. Fine, and* 10 *l. per Ann. Rent;*

*Rent; What Fine is a Leaſe of the ſame Houſe or Land worth for 20 yeares, not altering the Rent, reckoning* 10 per Cent. per Annum *intreſt, and intreſt upon intreſt?*

Becauſe the Number of yeares in this Queſtion, whereof the price is known, is 10 yeares therefore looke in the Breviat for the tenth Number, which is 25937424, from this ſubtract 10000000, and there will remain 15937424, before this place a cipher, and it will be 159374240.

Now becauſe the Number of yeares, whereof the price is demanded in the Queſtion, is 20 therefore looke in the Breviat for the twentieth Number, which is 67274999. Multiply this by 159374240 (before found) and the product will be.

10721901836625760.

This Number is your Diviſor.

To finde your Dividend do as followeth:

Becauſe the Number of yeares, whereof the value is asked in the Queſtion, is 20, therefore from 67274999 (the ſaid twentieth Number in the Breviat) ſubtract 10000000, and there will remaine 57274999, before this place a cipher, and it will be 572749990. Multiply this by 1001. (the price of the 10 yeares

med in the Queſtion) and the product will bee 57274999000.

Now becauſe the Number of yeares in the Queſtion, whereof the price is known, is 10, therefore multiply 57274999000, now found, by 25937424 (the ſaid tenth Number in the Breviat) and the product will be

1485565933662576000.

This Number is your Dividend.

Divide this Dividend by the Diviſor before found, and the quotient will be 1381. And as touching the Remainder; if you worke with it as in other Inſtructions before you have been taught, you ſhall finde the value thereof to bee 1 ſh. 1 d. &c.

So it appeares, that if a Leaſe for 10 yeares bee worth 100l. a Leaſe of the ſame Houſe or Land is worth for 20 yeares, 1381l. 11 ſh. 1 d. &c. after that rate; reckoning 10 *per Centum per Annum*, intreſt, and intreſt upon intreſt.

The

## The Work.

159374240 . . 100 . .

25947424

259374240 57274999

1 . . . . .

15937424 672749

67274999 2334368

336374995 23343681

605474991 233436816

201824997 103749696

470924993 181561968

269099996 51874848

134549998 181561968

269099996 129687120

1072190183662576 *Facit* 138.11.1.d.

~~1485565933662576~~

~~1337875498122~~

~~917136992~~ 98971

53609509183128 ~~594248~~ 41 ~~9~~ 8

~~58652~~ 8 7

446 4 43

The ſeventeenth Queſtion may otherwiſe more briefly be reſolved as followeth:

Becauſe 20 yeares is 10 yeares and 10 years, you may conceive, that as the firſt 10 yeares are worth 100 l. at the beginning of them: ſo the laſt 10 yeares are alſo worth 100 l. at the beginning of them; which will bee juſt 10 yeares after the beginning of the whole 20 yeares. Therefore finde what 100 l. due at 10 yeares end, is worth at the beginning of them: which to do, worke as you were taught in the fift Queſtion, and you ſhall finde, that 100 l. due at 10 yeares end, is worth at the begining of thoſe 10 yeares, 38 l. 11 ſh. 1 d. &c. Adde this to 100 l. the Aggregate will be

138. 11. 1 d. &c.

And this is the mony that 20 yeares are worth, when 10 yeares are worth 100 l.

Which anſwer is the very ſame, that by the other generall way you found.

The work.

25937424 . . 100 . . 1

38. 11. 1 d. &c.

1296871

108

If the Queſtion ſhould be given thus: *If* 1 *yeares be worth* 100 *l. What are* 12 *yeares,* 1 *21 yeares, &c. worth?* then you cannot pe form it by this briefe manner; but in ſuch caſ you muſt work according to the firſt manner.

FOVR

## FOVRE OTHER BREVIATS here follow: by help whereof some of the Questions before wrought, and their like may yet more briefly *bee concluded.*

Of which Breviats,

1 The first sheweth what 1 l. due at the end of any Number of yeares not above 30, is worth in ready mony.

2 The second sheweth what 1 l. Annuity to endure for any Number of yeares not above 30, is worth, to be paid for when the Annuity ceaseth.

3 The third sheweth what 1 l. Annuity to endure for any Number of yeares not above 30, is worth, to be paid for when the Annuity beginneth.

4 The fourth Breviat sheweth what Annuity to endure for any Number of yeares not above 30, may be bought for 1 l. ready mony. In all reckoning 10 *per Cent. per Annum*, interest, and intrest upon intrest.

## Other Breviats, ſerving for C

The firſt Breviat, ſhewing what 1 l. due at th
end of any Number of yeares under 31,
is worth in ready mony.

| Yeares. | | | Yeares. |
|---|---|---|---|
| 1 | 9090909 | 2176291 | 16 |
| 2 | 8264462 | 1978446 | 17 |
| 3 | 7513148 | 1798587 | 18 |
| 4 | 6830134 | 1635079 | 19 |
| 5 | 6209213 | 1486436 | 20 |
| 6 | 5644739 | 1351305 | 21 |
| 7 | 5130581 | 1228459 | 22 |
| 8 | 4665073 | 1116781 | 23 |
| 9 | 4240976 | 1015255 | 24 |
| 10 | 3255432 | 922959 | 25 |
| 11 | 3504939 | 839054 | 26 |
| 12 | 3186308 | 762776 | 27 |
| 13 | 2896643 | 693433 | 28 |
| 14 | 2633312 | 630394 | 29 |
| 15 | 2393920 | 573085 | 30 |

This firſt Breviat is called, by ſome,
*A Table for Diſcounting.*

The Numbers in this Breviat muſt alſo
eſteemed for Numerators; each of them hav
for Denominator 10000000.

The ſe
ty

| Yeares. | |
|---|---|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | 1 |
| 9 | 1 |
| 10 | 1 |
| 11 | 1 |
| 12 | 2 |
| 13 | 2 |
| 14 | 2 |
| 15 | 3 |

Alſo in
eſteemed
r Denor

## for Queſtions of 10 *per Cent.*

The ſecond Breviat, ſhewing what 1 l. Annuity is worth at the end of any Number of yeares under 31.

| Yeares. | | | Yeares. |
|---|---|---|---|
| 1 | 10000000 | 359497298 | 16 |
| 2 | 21000000 | 405447028 | 17 |
| 3 | 33100000 | 455991731 | 18 |
| 4 | 46410000 | 511590904 | 19 |
| 5 | 61051000 | 572749994 | 20 |
| 6 | 77156100 | 640024994 | 21 |
| 7 | 94871710 | 714027493 | 22 |
| 8 | 114358881 | 795430243 | 23 |
| 9 | 135794769 | 884973267 | 24 |
| 10 | 159374246 | 983470594 | 25 |
| 11 | 185311670 | 1091817653 | 26 |
| 12 | 213842837 | 1210999419 | 27 |
| 13 | 245227121 | 1342099367 | 28 |
| 14 | 279749833 | 1486309297 | 29 |
| 15 | 317724816 | 1644940226 | 30 |

Alſo in this Breviat the Numbers muſt bee eſteemed for Numerators, each of them having for Denominator 10000000.

# Other Breviats, ſerving for

The third Breviat, ſhewing what 1 l. Annuity for any Number of yeares under 31, is worth in ready mony.

| Yeares. | | | Yeares. |
|---|---|---|---|
| 1 | 9090909 | 78237087 | 16 |
| 2 | 17355371 | 80215534 | 17 |
| 3 | 24868519 | 82014121 | 18 |
| 4 | 31698654 | 83649201 | 19 |
| 5 | 37907867 | 85135637 | 20 |
| 6 | 43552606 | 86486943 | 21 |
| 7 | 48684188 | 87715402 | 22 |
| 8 | 53349262 | 88832184 | 23 |
| 9 | 57590240 | 89847440 | 24 |
| 10 | 61445672 | 90770400 | 25 |
| 11 | 64950609 | 91609454 | 26 |
| 12 | 68136919 | 92372232 | 27 |
| 13 | 71033562 | 93065665 | 28 |
| 14 | 73666875 | 93696059 | 29 |
| 15 | 76060796 | 94269144 | 30 |

Likewiſe in this Breviat, the Numbers m
be eſteemed for Numerators; each of them
ving for Denominator 10000000.

## for Questions of 10 *per Cent.*

The fourth Breviat, shewing what Annuity for any Number of yeares under 31. 1 l. ready mony will buy.

| Years. | | | Years. |
|---|---|---|---|
| 1 | 11000000 | 1278166 | 16 |
| 2 | 5761905 | 1246641 | 17 |
| 3 | 4021148 | 1219302 | 18 |
| 4 | 3154708 | 1195468 | 19 |
| 5 | 2637974 | 1174596 | 20 |
| 6 | 2296073 | 1156243 | 21 |
| 7 | 2054055 | 1140050 | 22 |
| 8 | 1874440 | 1125718 | 23 |
| 9 | 1736405 | 1112997 | 24 |
| 10 | 1627453 | 1101680 | 25 |
| 11 | 1539631 | 1091590 | 26 |
| 12 | 1467633 | 1082576 | 27 |
| 13 | 1407781 | 1074510 | 28 |
| 14 | 1357462 | 1067280 | 29 |
| 15 | 1314737 | 1060792 | 30 |

The Numbers in this Breviat must also bee esteemed for Numerators; each of them having for Denominator 10000000.

The fift Queſtion may be wrought by the first of theſe foure Breviats; which fift Queſtion in effect was this:

*What* 1000 *l. due at 7 yeares end, is worth in ready mony, reckoning* 10 per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

Becauſe the demand in this Queſtion, is to know what a debt, due at time, is worth ready mony; therefore turne to the firſt of the foure laſt Breviats.

And becauſe the time in this Queſtion is 7 yeares, therefore looke in the ſame firſt Breviat, for the ſeventh Number, which is

5131581

Multiply this by 1000 l. (the debt named in the Queſtion) and the product will be 5315 81000, from this cut off 7 figures, and it will ſtand thus: 5 1 3 | 1 5 8 1 0 0 0. The figure ſtanding on your left hand, is 513 l. And for 1581000 (the fignres cut off) if you deale with them as you were inſtructed (in the firſt, ſecond, fourth, and ſixt Queſtions) to deale with figures cut off, you ſhall finde the value thereof to be 3 ſh. 1 d. &c.

So have you found, that 1000 l. due 7 yeares end, is worth in ready mony, 513 l. 3

3 ſh. 1 d. &c. reckoning 10 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

Which is the ſame Anſwer that you found by working the fift Queſtion, after the other manner.

The work.

| | | | |
|---|---|---|---|
| *Facit* | l | 513 | 1581 |
| | ſh | 3 | 162 |
| | d | 1 | 944 |

The ſixt Queſtion may be wrought by the ſecond of theſe Breviats; which Queſtion in effect was this:

*What* 100 *l.* per Annum *for* 8 *yeares is worth to be paid at the* 8 *yeares end, reckoning* 10 per Cent. per Ann, *intreſt, and intreſt upon intreſt?*

Becauſe the drift in this Queſtion is to finde what an Annuity is worth, to be paid all together at the end thereof; therefore turne to the ſecond of the foure laſt Breviats.

And becauſe the time in this Queſtion is 8 yeares, therefore looke in the ſame ſecond Breviat for the eighth Number, which is 11435881, which multiply by 100 l. (the Annuity

Annuity named in the Queſtion) and the pr
duct will be 11435888100, from this cut
7 figures, & it will ſtand thus: 1143|5888100
The 1143 on your left hand is 1143 l. And
you work with the figures cut off, as you ha
been taught in the firſt, ſecond, fourth, and fi
Queſtions, you ſhall finde the value of them
be 11 ſh. 9 d. &c.

So have you found, that 100 l. *per Annum*
8 yeares, if it be all forborn till the 8 yeares en
is then worth 1143 l. 11 ſh. 9 d. &c. recko
ing 10 *per Centum per Annum*, intreſt, and
treſt upon intreſt.

Which is the ſame Anſwer you found
working the ſixt Queſtion after the other ma
ner.

The work.

| | | | |
|---|---|---|---|
| *Facit* | l | 1143 | 58881 |
| | ſh | 11 | 7762 |
| | d | 9 | 3144 |

The ſeuenth Queſtion may be wrought
the third of theſe Breviats; which ſeventh
Queſtion in effect was this:

*What ready mony* 50 *l.* per Annum *for*
*yeares is worth, reckoning* 10 per Cent. p
Ann. *intreſt and intreſt upon intreſt?*

Becau

Becauſe the driſt in this Queſtion, is to finde what an Annuity is worth, to bee paid when the Annuity beginneth, therefore turne to the firſt of the foure laſt Breviats.

And becauſe the time in this Queſtions is 12 yeares, looke for the twelfth Number in the ſame third Breviat, which is 68136919. Multiply this by 50. l. (the Annuitie named in the Queſtion) & the product will be 3406845950 from this cut off 7 figures, and it will ſtand thus: 340|6845950. The 340 on your left hand is 340 l. And the figures cut off bee in value 13 ſh. 8 d. &c.

So have you found, that 50 l. *per Annum* for 12 yeares, is worth 340 l. 13 ſh. 8 d. &c. ready mony, reckoning 10 *per Cent. per Annum*, intreſt, and intreſt upon intreſt: which is the ſame Anſwer you found, working the Queſtion after the other manner.

The work.

| | | | |
|---|---|---|---|
| | | 68136918 | |
| | l | 340 | 6845900 |
| *Facit* | ſh | 13 | 6918 |
| | d | 8 | 3016 |

The

The eighth Queſtion may be wrought by the fourth of theſe Breviats, which Queſtion was this:

*What Annuity to endure* 21 *yeares, is worth* 300 *l. reckoning* 10 per Centum, per Annum *Intreſt, and intreſt upon intreſt?*

Becauſe the drift in this queſtion, is, to finde what Annuitie ought to be bought for a ſumme named; therefore turne to the fourth of the foure laſt Breviats.

And becauſe the time in this Queſtion is 21 yeares, looke for the one and twentieth Number in the ſame fourth Breviat, which is 1156243. Multiply this by 300 l. (the price of the Annuity to bee bought, named in the Queſtion) and the product will be 346872900 from this cut of 7 figures, and it will ſtand thus: 34|6872900. The 34 on your left hand is 34 l. And as for the figures cut off, if you reduce them to ſhillings and pence, as before you have been taught, you ſhall finde their value to bee 13 ſh. 8 d. &c.

So have you found, that 34 l. 13 ſh. 8 d. &c. *per Ann.* for 21 yeares, is worth 300 l. reckoning 10 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

Which

Which is the ſame Anſwer you found, in working the eighth Queſtion, after the other manner.

The Work.

| | | | |
|---|---|---|---|
| | | 11 | 56243 |
| *Facit* | l | 34 | 68729 |
| | ſh | 13 | 7458 |
| | d | 8 | 9496 |

---

Let this ſuffice for the Queſtions of 10 *per Cent.* and let us proceed to the Queſtions of *9 per Cent. 8 per Cent. 7 per Cent. 6 per Cent.* and *5 per Cent.*

Wherefore of each of theſe Intreſts wee will firſt ſet downe Breviats, and then Queſtions.

In which Breviats (as in the former) account all the Numbers for Numerators, and each of them to have for Denominator 10000000.

# A BREVIAT, SERVING FOR QVESTIONS *Of* *9 per Cent.*

| Years. | | | Years. |
|---|---|---|---|
| 1 | 10900000 | 39703058 | 16 |
| 2 | 11881000 | 43276334 | 17 |
| 3 | 12950290 | 47171204 | 18 |
| 4 | 14115816 | 51416612 | 19 |
| 5 | 15386239 | 56044107 | 20 |
| 6 | 16771001 | 61088077 | 21 |
| 7 | 18280391 | 66586004 | 22 |
| 8 | 19925626 | 72578744 | 23 |
| 9 | 21718932 | 79110831 | 24 |
| 10 | 23673636 | 86230806 | 25 |
| 11 | 25804264 | 93991579 | 26 |
| 12 | 28126647 | 102450821 | 27 |
| 13 | 30658046 | 111671395 | 28 |
| 14 | 33417270 | 121721820 | 29 |
| 15 | 36424824 | 132676784 | 30 |

This Breviat doth ſhew what 1 l. will amount to after *9 per Centum*, by the end of any Number of yeares under 31.

# A BREVIAT, SERVING FOR QVESTIONS Of 8 per Cent.

| Yeares. | | | Yeares. |
|---|---|---|---|
| 1 | 10800000 | 34259426 | 16 |
| 2 | 11664000 | 37000180 | 17 |
| 3 | 12597120 | 39990194 | 18 |
| 4 | 13604889 | 43157010 | 19 |
| 5 | 14693280 | 46609571 | 20 |
| 6 | 15868743 | 50338337 | 21 |
| 7 | 17138242 | 54365404 | 22 |
| 8 | 18509302 | 58714636 | 23 |
| 9 | 19990046 | 63411807 | 24 |
| 10 | 21589249 | 68484751 | 25 |
| 11 | 23316389 | 73963532 | 26 |
| 12 | 25181701 | 79880614 | 27 |
| 13 | 27196237 | 86271063 | 28 |
| 14 | 29371939 | 93172748 | 29 |
| 15 | 31721691 | 100626568 | 30 |

This Breviat sheweth what 1 l. will amount to, after 8 *per Cent.* by the end of any Number of yeares under 31.

## A BREVIAT, SERVING FOR QVESTIONS *Of* 7*per Cent.*

| *Yeares.* | | *Yeares.* |
|---|---|---|
| 1 | 10700000 | |
| 2 | 11449000 | |
| 3 | 12250430 | |
| 4 | 13107960 | |
| 5 | 14025517 | |
| 6 | 15007303 | |
| 7 | 16057814 | |
| 8 | 17181861 | |
| 9 | 18384592 | |
| 10 | 19671513 | |
| 11 | 21042519 | |
| 12 | 22521915 | |
| 13 | 24098450 | |
| 14 | 25785341 | |
| 15 | 27590315 | |
| | 29521637 | 16 |
| | 31588152 | 17 |
| | 33799322 | 18 |
| | 36165275 | 19 |
| | 38696844 | 20 |
| | 41405623 | 21 |
| | 44304017 | 22 |
| | 47445298 | 23 |
| | 50723669 | 24 |
| | 54274326 | 25 |
| | 58073529 | 26 |
| | 62138676 | 27 |
| | 66488383 | 28 |
| | 71142570 | 29 |
| | 76122550 | 30 |

This Breviat doth ſhew what 1 l. will mount to after 7*per Centum*, by the end of a Number of yeares under 31.

# A BREVIAT, SERVING FOR QVESTIONS Of 6 per Cent.

| Yeares. | | | Yeares. |
|---|---|---|---|
| 1 | 10600000 | 25403516 | 16 |
| 2 | 11236000 | 26927727 | 17 |
| 3 | 11910160 | 28543391 | 18 |
| 4 | 12624769 | 30255995 | 19 |
| 5 | 13382255 | 32071354 | 20 |
| 6 | 14185191 | 33995636 | 21 |
| 7 | 15036302 | 36035374 | 22 |
| 8 | 15938480 | 38197496 | 23 |
| 9 | 16894789 | 40489346 | 24 |
| 10 | 17908476 | 42918707 | 25 |
| 11 | 18982985 | 45493829 | 26 |
| 12 | 20121964 | 48223459 | 27 |
| 13 | 21329282 | 51116866 | 28 |
| 14 | 22609039 | 54183878 | 29 |
| 15 | 23965581 | 57434911 | 30 |

This Breviat sheweth what 1 l. will amount to, after *6 per Cent.* by the end of any Number of yeares under 31.

This Breviat ſheweth what 1 l. will amount to after the rate of 5 *per Cent.* by the end of any number of yeares under 51.

| Yeares. | | Yeares. |
|---|---|---|
| 1 | 10500000 | 26 |
| 2 | 11025000 | 27 |
| 3 | 11 75250 | 28 |
| 4 | 12155062 | 29 |
| 5 | 12762815 | 30 |
| 6 | 13400956 | 31 |
| 7 | 14071004 | 32 |
| 8 | 14774554 | 33 |
| 9 | 15513282 | 34 |
| 10 | 16288946 | 35 |
| 11 | 17103393 | 36 |
| 12 | 17958563 | 37 |
| 13 | 18856491 | 38 |
| 14 | 19799315 | 39 |
| 15 | 20789281 | 40 |
| 16 | 21828745 | 41 |
| 17 | 22920183 | 42 |
| 18 | 24066192 | 43 |
| 19 | 25269501 | 44 |
| 20 | 26532977 | 45 |
| 21 | 27859625 | 46 |
| 22 | 29252607 | 47 |
| 23 | 30715237 | 48 |
| 24 | 32250999 | 49 |
| 25 | 33863549 | 50 |
| 26 | 35556726 | |
| 27 | 37334563 | |
| 28 | 39201291 | |
| 29 | 41161355 | |
| 30 | 43219423 | |
| 31 | 45380394 | |
| 32 | 47649414 | |
| 33 | 50031885 | |
| 34 | 52533479 | |
| 35 | 55160153 | |
| 36 | 57918161 | |
| 37 | 60814069 | |
| 38 | 63854772 | |
| 39 | 67047511 | |
| 40 | 70399887 | |
| 41 | 73919881 | |
| 42 | 77615875 | |
| 43 | 81496669 | |
| 44 | 85571502 | |
| 45 | 89850077 | |
| 46 | 94342581 | |
| 47 | 99059710 | |
| 48 | 104012696 | |
| 49 | 109213331 | |
| 50 | 114673997 | |

## The eighteenth Queſtion, being the firſt of *9 per Cent.*

*If* 100 *l. be put forth for* 8 *yeares at intreſt, after* 9 per Cent. per Ann. *intreſt, and intreſt upon intreſt; unto what ſumme will it amount at the* 8 *yeares end?*

Becauſe in this Queſtion the intreſt is *9 per Cent.* and the time 8 yeares, therefore looke in the Breviat of *9 per Cent.* for the eight number, which is 1 9 9 2 5 6 2 6. Multiply this by 100 l. (the principall named in the Queſtion) and the product will bee 199256260 0, from this cut off ſeven figures and it will ſtand thus, 199|2562600, the 199 on your left hand is 199 l. and the figures cut off, being reduced into ſhillings and pence, will yeeld 5 ſh. 1 d. &c.

So have you found, that 100 l. being put forth at intreſt after *9 per Cent. per Ann.* intreſt, and intreſt upon intreſt, will amount unto by 8 yeares end, 199 l. 5 ſh. 1 d. &c.

The Work.

| | | | |
|---|---|---|---|
| *Facit* | l. | 199 | 25626 |
| | ſh. | 5 | 1252 |
| | d. | 1 | 5024 |

## The nineteenth Queſtion, being the ſecond of 9 *per Cent.*

*If* 100 *l. be due at* 7 *yeares end, what is it worth preſently, reckoning* 9 per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

Becauſe in this Queſtion the intreſt is 9 *per Cent.* and the time 7 yeares, therefore looke in the Breviat of 9 *per Cent.* for the ſeventh number, which is

18280391

This number is your Diviſor.

To finde your Dividend, place 7 ciphers before 100 l. (the debt named in the Queſtion) and it will be

1000000000.

This Number is your Dividend.

Divide your Dividend by your Diviſor, and worke with the Remainder as you have been ſhewed to worke with Remainders, and you ſhall finde that 100 l. due at 7 yeares end, is worth 54 l. 14 ſh. &c. ready mony; reckoning 9 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The Worke.

*Facit* 54. 14.

18280391 . . 1000000000
85988456
914019 1285288
37169
76 62

## The twentieth Queſtion, being the third of *9 per Cent.*

*What is* 10 *l. Annuity to endure* 21 *yeares, worth to bee received at the end thereof, reckoning* 9 per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

Becauſe in this Queſtion the intreſt is *9 per Cent.* and the time 21 yeares, therefore look in the Breviat of *9 per Cent.* for the one & twentieth number, which is 61088077, from this deduct 10000000, and there will remaine 51088077, before this place two ciphers, and it will be 5108807700. Divide this by 9 (becauſe the intreſt in this Queſtion is *9 per Cent.*) and the quotient will bee 5676 5300. Multiply this by 10 l. (the Annuity named in the

Queſtion)& the product will be 5676453000 from this cut off ſeven figures, and reduce thoſe figures cut off into ſhillings and pence, and you ſhall finde, that it 10 l. Annuity bee all forborn till the end of 21 yeares, it will amount unto by that time 567 l. 12 ſh. 10 d. &c. reckoning 9 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The Work.

5108 8077

*Facit* { l. 567|6453 ; ſh. 12|906 ; d. 10|872

## The one and twentieth Queſtion, being the fourth of 9 *per Cent.*

*What is* 20 *l. Annuity, to endure* 21 *yeares, worth in ready mony ; reckoning* 9 per Cent. per Ann. *intreſt, and intreſt upon intreſt ?*

Becauſe in this queſtion the intreſt is 9 *per Cent.* and the time 21 yeares, look in the Breviat of 9 *per Cent.* for the one and twentieth number, which is 6 1088077, from this ſubtract 10000000, and there will remain 5 1088077 before this place two ciphers, and it will bee 510880770.

51088077 00. Divide this by 9, and the quotient will be 5676453 00: multiply this by 20 l. (the Annuity named in the question) and the product will bee 11352906000; this is your Dividend, which you must divide by 61088077 (the said one and twentieth number in the Breviat) and you shall finde, that 20 l. annuity to endure 21 yeares, is worth in ready mony 185 l. 16 sh. 10 d. &c. reckoning 9 *per Cent. per Ann.* intr. and intr. upon intrest.

The work.

61088077 . . 5676453

*Facit* 185. 16. 10 d.

3054403

254

## The two and twentieth Question, being the first of 8 *per Cent.*

*If* 50 *l. be put forth at intrest for* 10 *yeares, after* 8 per Cent. per Ann. *intrest, and intrest*

*upon intreſt ; unto how much will it amount by the* 10 *yeares end?*

Becauſe in this queſtion the intreſt is 8 *per Cent.* and the time 10 yeares, look in the Breviat of 8 *per Cent.* for the tenth number, which is 21589249. Multiply this by 50 l. the principall named in the queſtion) and the product will bee 1079462450, from this cut off ſeven figures ; and multiply and cut off as you have been taught, and you ſhall finde, that if 50 l. be put forth at intreſt for 10 yeares, at 8 *per Cent. per Ann.* intreſt, and intreſt upon intreſt, it will amount by the 10 yeares end, unto 107 l. 18 ſh. 11 d. &c.

The Work.

| | | | |
|---|---|---|---|
| | | 21589249 | |
| *Facit* | l. | 107 | 946245 |
| | ſh. | 18 | 9249 |
| | d. | 11 | 0988 |

## The three and twentieth Queſtion, being the ſecond of 8 *per Cent.*

*If* 100 *l. bee due at* 4 *yeares end ; what is it worth ready mony, reckoning* 8 per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

Becauſe

Becauſe in this Queſtion the intreſt is 8 *per Cent.* and the time 4 yeares, look in the Breviat of 8 *per Cent.* for the fourth number, which is 13604889. This is your Diviſor.

To finde your Dividend, place 7 ciphers before 100 l. (the debt named in the queſtion) and it will bee 1000000000. This is your Dividend.

Divide this Dividend by the ſaid Diviſor, and work with the remainder as you have been taught, and you ſhall finde, that 100 l. due at 4 yeares end, is worth in ready mony 73 l. 10 ſh. &c. reckoning 8 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The work.

*Facit* 73. 10 ſh. &c.

13604889 . . .

680244
56

## The foure and twentieth Queſtion, being the third of 8 *per Cent.*

*What is* 26 *l. Annuity, to endure* 5 *yeares, worth at the end thereof, reckoning* 8 per Cent.

Cent. per Ann. *intreſt, and intreſt upon intreſt.*

Becauſe in this Queſtion the intreſt is 8 *per Cent.* and the time 5 yeares, look in the Breviat of 8. *per Cent.* for the fift Number, which is 14693280, from this ſubtract 10000000, and there will remaine 4693280, before this place two ciphers, and it will bee 469328000. Divide this by 8 (becauſe the intreſt in this queſtion is 8 *per Cent.*) and the quotient will bee 58666000, which multiply by 26 l. (the Annuity named in the Queſtion) and the product will bee 1525316000, from this cut off ſeven figures, and multiply thoſe ſeven figures and cut off, as you have been taught, and you ſhall finde, that 26 l. Annuity for 5 yeares, if it bee all forborn the whole time, is worth then at the end of thoſe 5 yeares, 152 l. 10 ſh. 7 d. &c. reckoning 8 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The work.

4693280
586660
117332

*Facit* l. 152|5316
ſh. 10632
d. 7584

The

## The five and twentieth Queſtion, being the fourth of 8 *per Cent.*

*What is* 60 *l. Annuity, to endure* 30 *yeares, worth ready mony, reckoning* 8 per Cent. per Ann. *intreſt, and intr. upon intr.*

Becauſe in this Queſtion the intreſt is 8 *per Cent.* and the time 30 yeares, look in the Breviat of 8 *per Cent.* for the thirtieth number which is 100626568, from this ſubtract 100000000, and there will remain 90626568, before this place two ciphers, and it will bee 9062656800 ; divide this by 8, and the quotient will bee 1132832100, multiply this by 60 l. (the Annuity named in the queſtion) and the product will be 67969926000. This number is your Dividend, and muſt be divided by 100626568 (the ſaid thirtieth number in the Breviat) and the remainder being reduced to ſhillings and pence, you ſhall finde, that 60 l. Annuity, to endure 30 yeares, is worth 675 l. 9 ſh. 4 d. &c. ready mony, reckoning 8 *per Centum per Ann.* intreſt, and intreſt upon intreſt.

The

The Work.

90 626 568
11 328 321
100626568 . . 1 . . 679699260

*Facit* 675.9.4d.&

5031328
419

The ſix and twentieth Queſtion, being t
firſt of 7 *per Cent.*

*If* 40 *l. be put forth at intreſt for* 15 *yea*
*at* 7 per Cent. per Ann. *intreſt, and intreſt o*
*on intreſt; unto how much will it amount*
*the* 15 *yeares end?*

Becauſe the intreſt in this queſtion is 7
*Cent* and the time 15 yeares, therefore look
the Breviat of 7 *per Cent.* for the 15 numbe
which is 2.590315; multiply this by 40
(the principall named in the queſtion) and t
product will be 1103612600, from this cut o
7 figure

7 figures, and multiply, &c. and you ſhall find, that if 40 l. be put forth at intreſt for 15 yeares at 7 *per Cent. per Ann.* intreſt, and intreſt upon intreſt, it will amount unto at the end of thoſe 15 yeares, 110 l. 7 ſh. 2 d. &c.

The work.

27590315

| | | | |
|---|---|---|---|
| *Facit* | £l | 110 | 36126 |
| | ſh. | 7 | 2252 |
| | d. | 2 | 7024 |

## The ſeven and twentieth Queſtion, being the ſecond of 7 *per Cent.*

*If* 80 *l. be due at* 9 *yeares end, what is it worth ready mony, reckoning* 7 per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

Becauſe in this queſtion the intreſt is 7 *per Cent.* and the time 9 yeares, therefore look in the Breviat of 7 *per Cent.* for the ninth number, which is 1 8384592. This number is your Diviſor.

To finde your Dividend, place 7 ciphers before 80 l. (the debt named in the queſtion) and then it will be 800000000. This number is your Dividend. Divide therfore this number by

by your Divisor before found, &c. and yo shall finde, that 80 l. due at 9 yeares end, i worth 43 l. 10 sh. 3 d. &c. ready mony, reckoning 7 *per Cent. per Ann.* intrest, and intre upon intrest.

The work.

*Facit* 43. 10. 3 d. &

| | | | |
|---|---|---|---|
| 18384592 | . . 1 . . | 80000000 | |
| | | 6461638 | |
| 919229 | | 946254 | |
| 766 | | 27 | 25 |

## The eight and twentieth Question, bei the third of 7 *per Cent.*

*What is* 5 *l. Annuity, to endure* 21 *year worth to be received at the end of them, reck ning* 7 per Cent. per Ann. *intrest, and intre upon intrest?*

Because in this question the intrest is 7 *pe Cent.* and the time 21 yeares, therefore look in the Brevist of 7 *per Cent.* for the one an twentieth number, which is 41405623, from this subtract 10000000, and there will remai

31405623

1405623, before this place 2 ciphers, and it will ſtand thus, 3140562300: divide this by and the quotient will be 44865 1757, mul- is by 5 l. (the Annuity named in the Queſti- n) and the product will bee 2243258785, om this cut off ſeven figures, &c. and you ſhall nde, that 5 l. Annuity for 21 yeares, if it bee l forborn till 21 yeares end, will amount un- o by the 21 yeares end, 224 l. 6 ſh. 6 d. &c. eckoning 7 *per Cent per Ann.* intreſt, and in- reſt upon intreſt?

The work.

31405623
44865 1757

| | | |
|---|---|---|
| *Facit* | l. | 224\|3258785 |
| | ſh. | 6\|51757 |
| | d. | 6\|21084 |

## The nine and twentieth Queſtion, being the fourth of 7 *per Cent.*

*What is* 16 *l. Annuity to endure* 13 *yeares, worth ready mony, reckoning* 7 per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

Becauſe in this Queſtion the int eſt is 7 *per Cent*, and the time 13 yeares, therefore looke in

in the Breviat of 7 *per Cent.* for the thirteen number, which is 24098450, from this sub tract 10000000, and there will remai 14098450, before this place 2 ciphers, and will bee 1409845000; divide this by 7, a the quotient will bee 201406428; multi this by 16 l. (the annuity named in the que on) and the product will be 3222502848. T number is your Dividend; and 24098450. ( said thirteenth number in the Breviat) is y Divisor. Divide therefore your Dividend your Divisor, and work with the remainde you have been taught; and you shall finde, 16 l. Annuity to endure 13 yeares, is wo 133 l. 14 sh. 5 d. &c. ready mony, reckon 7 *per Cent. per Ann.* intrest, and intrest u intrest.

The work.

| | |
|---|---|
| 24098450 | 14098450 |
| | 2014064 |
| | *Facit* 133.14.5 d.& |
| | 3222502848 |
| | 8196573 |
| | 8775497 |
| 1204922 | 1544879 |
| | 3 9 |
| 1004 | 5 |

Th

## The thirtieth Queſtion, being the firſt of *6 per Cent.*

*If* 50 *l. be put forth at intreſt for* 13 *yeares after* 6 per Cent. per Ann. *intreſt, and intreſt upon intreſt; unto how much will it amount at the* 13 *yeares end?*

Becauſe in this queſtion the intreſt is *6 per Cent.* and the time 13 yeares, therefore look in the Breviat of *6 per Cent.* for the thirteenth number, which is 21329282, multiply this by 50 l. (the principall named in the queſtion) and the product will bee 1066464100, from this cut off 7 figures, &c. and you ſhall finde, that if 50 l. bee put forth at intreſt for 13 yeares, at *6 per Cent. per Ann.* intreſt, and intreſt upon intreſt; it will by the 13 yeares end amount unto 106 l. 12 ſh. 11 d. &c.

The work.

21329282

*Facit* l. 106 | 6464100
ſh. 12 | 9282
d. 11 | 1384

## The one and thirtieth queſtion, being the ſecond of *6 per Cent.*

*If* 200 *l. bee due at* 4 *yeares end, what is it worth ready mony, reckoning* 6 per Cent. per An. *intreſt, and intreſt upon intreſt?*

Becauſe in this queſtion the intreſt is *6 per Cent.* and the time 4 yeares, therefore look in the Breviat of *6 per Cent.* for the fourth number, which is 12624769. This number is your Diviſor.

To finde your Dividend, place 7 ciphers before 200 l. (the debt named in the queſtion) and it will ſtand thus, 2000000000. This number is your Dividend.

Divide this Dividend by your Diviſor, &c. and you ſhall finde, that if 200 l. bee due at 4 yeares end, it is worth 158 l. 8 ſh. 4 d. &c. ready mony, reckoning *6 per Cent. per An.* intreſt and intreſt upon intreſt.

The Work.

12624769 . . 2000000000

*Facit* 158. 8. 4 d. &c.

631238
526

## The two and thirtieth queſtion, being the third of *6 per Cent.*

*What is* 20 *l. Annuity, for* 15 *yeares, worth at the end of them, reckoning* 6 per Cent. per An. *intreſt, and intreſt upon intreſt?*

Becauſe in this queſtion the intreſt is *6 per Cent.* and the time 15 yeares, therefore looke in the Breviat of *6 per Cent.* for the fifteenth number, which is 23965581, from this ſubtract 10000000, and there will remain 13965581, before this number place place 2 ciphers, and it will be 1396558100. Divide this by 6, and the quotient will bee 232759683. Multiply this by 20 l. the annuity named in the queſtion) and the product will bee 4655193660, from this cut off 7 figures, &c. and you ſhall finde, that 20 l. annuity for 15 yeares, if it bee all forborne till the end of thoſe 15 yeares, will amount unto by that time, 465 l. 10 ſh. 4 d. &c. reckoning *6 per Cent. per An.* intreſt, and intreſt upon intreſt.

The work.

13965581
232759683

*Facit* l. 465 | 5193660
sh. 10 | 38732
d. 4 | 64784

## The three and thirtieth Queſtion, being the fourth of *6 per Cent.*

*What is* 161 *l. annuity, for* 7 *yeares, worth ready mony, reckoning* 6 per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

Becauſe in this Queſtion the intreſt is 6 p. *Cent.* and the time 7 yeares, therefore look the Breviat of *6 per Cent.* for the ſeventh num ber, which is 15036302, from this ſubtr 10000000, and there will remaine 503630 before this place two ciphers, and it will b 503630200; divide this by 6, and the qu tient will bee 83938366, multiply this 161 (the Annuity named in the queſtion) a the product will be 13430138 56. Divide by 15036302 (the ſaid ſeventh number in Breviat, &c.) and you ſhall finde, that 16 annuity for 7 yeares, is worth 89 l. 6 ſh. 4 d. &

eady mony, reckoning *6 per Cent. per Ann.* ntreſt, and intreſt upon intreſt.

The Work.

5036302 . . 83938366

*Facit* 89.6. 4 d. &c.

751815 62

The foure and thirtieth Queſtion, being the firſt of 5 *per Cent.*

*If* 45 *l. be put forth at intreſt for* 13 *yeares, at* 5 per Cent. per Ann. *intreſt, and intreſt upon intreſt; unto how much will it amount by the* 13 *yeares end?*

Becauſe in this queſtion the intreſt is 5 *per Cent.* and the time 13 yeares, therefore looke in the Breviat of 5 *per Cent.* for the thirteenth number, which is 18856491. Multiply this by 45 l. (the principall named in the queſtion) and the product will bee 848542095, from which cut off 7 figures, &c.

And you shall finde, that if 45 l. be put for at intrest for 13 yeares, at 5 *per Cent. per A* intrest, and intrest upon intrest, it will amou unto by the 13 yeares end, 84 l. 17 sh. 1 d. &

The work.

| | | | |
|---|---|---|---|
| | | | 18856191 |
| | | | 94282455 |
| *Facit* | l. | 8. | 8542095 |
| | sh. | 17 | 08419 |
| | d. | 1 | 01028 |

## The fiue and thirtieth question, being t second of 5 *per Cent.*

*If* 100 *l. bee due at* 21 *yeares end, wh it worth in ready mony, reckoning* 5 per Ce per Ann. *intrest, and intrest upon intrest?*

Because the intrest is 5 *per Cent.* and time 21 yeares, therefore looke in the Bre of 5 *per Cent.* for the one and twentieth nu ber, which is 27859625. This number is yo Divisor.

To finde your Dividend, place 7 ciphe before 100 l. (the debt named in the ques on) and it will bee 1000000000. This nu ber is your Dividend. Divide this Dividend b

you

our Diviſor, &c. and you ſhall finde, that if oo l. be due at 21 yeares end, it is worth rea- mony, 35 l. 17 ſh. 10 d. &c. reckoning 5 *r Cent. per Ann.* intreſt, and intreſt upon in- reſt.

The work.

*Facit* 35. 17. 10 d. &c.

7859625

392981

116

## The ſix and thirtieth queſtion, being the third of 5 *per Cent.*

*What is* 50 *l. annuity, to endure* 19 *yeares, worth to bee all received at the end of them, reckoning* 5 per Cent. per Ann. *intreſt, and intreſt upon intreſt.*

Becauſe in this queſtion the intreſt is 5 *per Cent.* and the time 19 yeares, therefore looke in the Breviat of 5 *per Cent.* for the ninteenth number, which is 2526950 1, from this ſubtract

10000000, and there will remain 1526950
before this place two ciphers, and it will be
1526950100. Divide this number b
5, and the quotient will be 30539002
Multiply this number by 50 l. (the Annuity n
med in the Queſtion) and the product will
1526950100, from this cut off ſeven figure
&c. And you ſhall finde, that if 50 l. Annu
for 19 yeares, be all forborn till 19 yeares en
it will then amount unto 1526 l. 19 ſh. &
reckoning 5 *per Cent per Ann.* intreſt, and
treſt upon intreſt?

The work.

| | | | |
|---|---|---|---|
| *Facit* | l. | 1526 | 9501 |
| | ſh. | 19 | 002 |
| | d. | — | |

## The ſeven and thirtieth Queſtion, being
## fourth of 5 *per Cent.*

*What is* 10 *l. annuity, to endure* 40 *yeare*
*worth ready mony, reckoning* 5 per Cent.
Ann. *intreſt, and intreſt upon intreſt?*

Becauſe in this Queſtion the intreſt is 5
*Cent.* and the time 40 yeares, look in the Bre
at of 5 *per Cent.* for the 40 number, which
70399887, from this ſubtract 10000000, a
there will remain 60399887, before this pl
two ciphers, and it will bee 6039988700.

vide this number by 5, and the quotient will bee 1207997740. Multiply this number by 10 l. (the annuity named in the question) & the product will bee 12079977400. Divide this number by 70399887, (the said fortieth number in the Breviat) &c. And you shall finde, that 10 l. annuity, to endure 40 yeares, is worth 171 l. 11 sh. 9 d. &c. ready mony, reckoning 5 *per Cent. per Ann.* intrest, and intrest upon intrest.

The work.

60399887

*Facit* 171. 11. 9 d. &c.

70399887

12079977400
5 1 2 1 5 8 8 7 1 2
1 6 3 9 6 6 2 9
4 2 8 7 7 8

3519994
293

Thus have you some questions of 9 *per Cent.* 8 *per Cent.* 7 *per Cent.* 6 *per Cent.* 5 *per Cent.* whereof you see the wayes to work them differ little from the like questions of 10 *per Cent.* Which difference being noted, all the other questions of 10 *per Cent.* may by help of these Breviats, be wrought with allowance of 9 *per Cent.* 8 *per Cent.* 7 *per Cent.* 6 *per Cent.* and 5 *per Cent.* And not only those questions, but also many other questions may by these Breviats be resolved:

Now

## NOW FOLLOW A FEW *Queſtions of 6 ¼ per Cent.*

Wherefore, of *6 ¼ per Cent.* wee will ſet down five Breviats, and then the Queſtions.

1 The firſt Breviat ſheweth what 1 l. ready mony will be worth, at the end of any number of yeares not above 30.

2 The ſecond Breviat ſheweth what 1 l. due at the end of any number of yeares not above 30, is worth in ready mony.

3 The third Breviat ſheweth what 1 l. annuity to endure for any number of yeares not above 30, is worth, to be paid for when the annuity ceaſeth.

4 The fourth Breviat ſheweth what 1 l. annuity to endure for any number of yeares not above 30, is worth ready mony.

5 The fift Breviat ſheweth what annuity, to endure for any number of yeares not above 30, ought to be bought for 1 l. ready mony.

In all theſe five Breviats reckoning *6 ¼ per Cent. per Ann.* intreſt, and intreſt upon intr.

In which Breviats (as in the former) account all the numbers for Numerators, and each of them to have for Denominator 1 0000000.

The

# THE FIRST BREVIAT OF 6 ¼ PER CENT.

Shewing what 1 l. put out at intrest, for any number of yeares under 31, will come to at the end of them.

| Yeares | | | Yeares. |
|---|---|---|---|
| 1 | 10625000 | 26379284 | 16 |
| 2 | 11289062 | 28027990 | 17 |
| 3 | 11994628 | 29779739 | 18 |
| 4 | 12744293 | 31640973 | 19 |
| 5 | 13540811 | 33618534 | 20 |
| 6 | 14387112 | 35719692 | 21 |
| 7 | 15286306 | 37952173 | 22 |
| 8 | 16241700 | 40324184 | 23 |
| 9 | 17256807 | 42844445 | 24 |
| 10 | 18335357 | 45522223 | 25 |
| 11 | 19481317 | 48367362 | 26 |
| 12 | 20698899 | 51390322 | 27 |
| 13 | 21992581 | 54602217 | 28 |
| 14 | 23367117 | 58014856 | 29 |
| 15 | 24827562 | 61640785 | 30 |

## THE SECOND BREVIAT OF 6¼ PER CENT.

Shewing what 1 l. due at the end of any number of yeares under 31, is worth in ready mony.

| *Yeares.* | | | *Yeares.* |
|---|---|---|---|
| 1 | 9411764 | 3790853 | 16 |
| 2 | 8858131 | 3567861 | 17 |
| 3 | 8337065 | 3357987 | 18 |
| 4 | 7846649 | 3160459 | 19 |
| 5 | 7385082 | 2974549 | 20 |
| 6 | 6950665 | 2799576 | 21 |
| 7 | 6541802 | 2634895 | 22 |
| 8 | 6156990 | 2479901 | 23 |
| 9 | 5794814 | 2334024 | 24 |
| 10 | 5453943 | 2196729 | 25 |
| 11 | 5133123 | 2067506 | 26 |
| 12 | 4831174 | 1945891 | 27 |
| 13 | 4546987 | 1831427 | 28 |
| 14 | 4279518 | 1723696 | 29 |
| 15 | 4027781 | 1622302 | 30 |

This ſecond Breviat is called by ſome, *A Table for Diſcounting.*

# THE THIRD BREVIAT OF 6½ PER CENT.

Shewing what 1 l. annuity is worth at the end thereof; the annuity not enduring above 30 yeares.

| *Yeares.* | | *Yeares.* |
|---|---|---|
| 1 | 10000000 | 16 |
| 2 | 20625000 | 17 |
| 3 | 31914062 | 18 |
| 4 | 43908691 | 19 |
| 5 | 56652984 | 20 |
| 6 | 70193796 | 21 |
| 7 | 84580908 | 22 |
| 8 | 99867215 | 23 |
| 9 | 116108916 | 24 |
| 10 | 133365723 | 25 |
| 11 | 151701081 | 26 |
| 12 | 171182398 | 27 |
| 13 | 191881298 | 28 |
| 14 | 213873879 | 29 |
| 15 | 237240997 | 30 |
| 16 | 262068559 | |
| 17 | 288447844 | |
| 18 | 316475834 | |
| 19 | 346255574 | |
| 20 | 377896547 | |
| 21 | 411515082 | |
| 22 | 447234774 | |
| 23 | 485186948 | |
| 24 | 525511132 | |
| 25 | 568355578 | |
| 26 | 613877801 | |
| 27 | 662245164 | |
| 28 | 713635487 | |
| 29 | 768237705 | |
| 30 | 826252561 | |

## THE FOVRTH BREVIAT OF 6¼ PER CENT.

Shewing what 1 l. annuity is worth ready mony; the annuity not enduring above 30 yeares.

| Yeares. | | Yeares. | |
|---|---|---|---|
| 1 | 94117647 | 16 | 993463461 |
| 2 | 182698961 | 17 | 1029142081 |
| 3 | 266069611 | 18 | 1062721961 |
| 4 | 344536101 | 19 | 1094326551 |
| 5 | 418386921 | 20 | 1124072051 |
| 6 | 487893571 | 21 | 1152067811 |
| 7 | 553311591 | 22 | 1178416761 |
| 8 | 614881501 | 23 | 1203215781 |
| 9 | 672829651 | 24 | 1226556021 |
| 10 | 727369081 | 25 | 1248523321 |
| 11 | 778700311 | 26 | 1269198411 |
| 12 | 827012061 | 27 | 1288657331 |
| 13 | 872481931 | 28 | 1306971611 |
| 14 | 915277111 | 29 | 1324208571 |
| 15 | 955554931 | 30 | 1340431591 |

# THE FIFT BREVIAT OF 6¼ PER CENT.

Shewing what annuity for any number of yeares under 31, ought to be bought for 1 l. ready mony.

| *Years.* | | | *Years.* |
|---|---|---|---|
| 1 | 10625000 | 1006579 | 16 |
| 2 | 5473484 | 971683 | 17 |
| 3 | 3758414 | 940979 | 18 |
| 4 | 2902453 | 913804 | 19 |
| 5 | 2390132 | 889622 | 20 |
| 6 | 2049627 | 868004 | 21 |
| 7 | 1807299 | 848596 | 22 |
| 8 | 1626329 | 831106 | 23 |
| 9 | 1486260 | 815290 | 24 |
| 10 | 1374817 | 800946 | 25 |
| 11 | 1284191 | 787898 | 26 |
| 12 | 1209172 | 776001 | 27 |
| 13 | 1146155 | 765127 | 28 |
| 14 | 1092565 | 755168 | 29 |
| 15 | 1046512 | 746028 | 30 |

## The eight and thirtieth Queſtion, being th firſt of 6 ¼ *per Cent.*

*If* 100 *l. be put forth at intreſt for* 20 *years at* 6 ¼ per Cent. *unto how much will it amount by the* 20 *yeares end?*

Becauſe the demand in this queſtion is what a principall put out at intreſt at 6 ¼ *per Cent.* will amount unto by the end of the time for which it is put forth, therefore turne to the firſt of theſe laſt five Breviats.

And becauſe the time in this queſtion is 20 yeares, therefore looke in the ſame Breviat for the twentieth number, which is 33618534. Multiply this by 100 l. (the principall named in the queſtion) and the product will be 3361853400, from this cut off 7 figures &c.

And you ſhall finde, that 100 l. will amount unto 3361. 3 ſh. 8 d. &c. by the end of 20 yeares, being put forth at intreſt after 6 ¼ per *Cent. per Ann.* intreſt, and intreſt upon intr.

The work.

*Facit* l. 336 | 18534
ſh. 3 | 7068
d. 8 | 4816

The

## The nine and thirtieth queſtion, being the ſecond of $6\frac{1}{4}$ *per Cent.*

*If* 20 *l. bee due at* 3 *yeares end, what is it worth ready mony, reckoning* $6\frac{1}{4}$ per Cent. per Ann. *intreſt and intreſt upon intreſt?*

Becauſe the demand in this queſtion is, what a debt due at time, is worth ready mony, reckoning $6\frac{1}{4}$ *per Cent.* therefore turne to the ſecond of theſe five laſt Breviats.

And becauſe the time in this queſtion is 3 yeares, therefore looke in the ſame Breviat for the third number, which is

8337065.

Multiply this by 20 l. (the debt named in the queſtion) and the product will be 166741300 from this cut off 7 figures, &c.

And you ſhall finde, that if 20 l. be due at 3 yeares end, it is worth 16 l. 13. ſh. 5 d. &c. ready mony, reckoning $6\frac{1}{4}$ *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The work.

8337065

*Facit* l. 16 | 67413
ſh. 13 | 4826
d. 5 | 7912

## The fortieth Queſtion, being the third of 6 ¼ *per Cent.*

*If* 500 *l. be to be paid at* 10 *payments*, vizt. *at the end of each yeare* 50 *l. and the parties do agree to reſpite theſe payments till the laſt payment grow due, allowing* 6 ¼ per Cent. per Ann. *for intreſt, and intreſt upon intreſt; unto how much will they amount by that time?*

Becauſe the demand in this queſtion is, what an annuity is worth to bee paid all together at the end thereof, reckoning 6 ¼ *per Cent.* therefore turne to the third of theſe five laſt Breviats.

And becauſe the time in this queſtion is 10 yeares, therefore looke in the ſame Breviat for the tenth number, which is

1333657 23.

Multiply this by 50 l. (the annuall payment named in the queſtion) and the product will be 6668286 150, from this cut off ſeven figures, &c.

And you ſhall finde, that if 50 l. *per Annum*, for 10 yeares, bee all forborn till the 10 yeares end, that then it will amount unto 666 l. 16 ſh. 6 d. &c. reckoning 6 ¼ *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The

The work.

133 365723

Facit { l. 666 | 828615
sh. 16 | 5723
d. 6 | 867

## The one and fortieth question, being the fourth of 6 ½ per Cent.

*What is* 100 *l. annuity, to endure* 21 *years, worth ready mony, reckoning* 6 ½ per Cent. per Ann. *interest, and interest upon interest?*

Because in this question the demand is, what an annuity is worth ready mon, reckoning 6 ½ *per Cent.* therefore turne to the fourth of these five last Breviats.

And because the time in this question is 21 yeares, therefore looke in the same Breviat for the one and twentieth number, which is

115206781.

Multiply this by 100 l. (the annuity named in the question) and the product will bee 11520678100, from this cut off 7 figures, &c.

And you shall finde, that 100 l. *per Annum*, for 21 yeares, is worth 1152 l. 1 sh. 4 d. &c. ready mony, reckoning 6 ½ *per Cent. per Ann.* interest, and interest upon interest.

The Work.

| | | | |
|---|---|---|---|
| *Facit* | l. | 1152 | 06781 |
| | ſh. | 1 | 3562 |
| | d. | 4 | 274 |

## The two and fortieth queſtion, being the fift of 6 ¼ *per Cent.*

*What annuity to endure 30 yeares, is worth 100 l. ready mony, reckoning* 6 ¼ per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

Becauſe in this queſtion the damand is, what annuity ought to bee bought, to endure a certaine number of yeares for a ſumme named, reckoning 6 ¼ *per Cent.* therefore turne to the laſt of theſe five Breviats.

And becauſe the time in this queſtion is 30 yeares, therefore looke in the ſame Breviat for the thirtieth number, which is 746028

Multiply this by 100 l. (the price of the annuity to bee bought, named in the queſtion) and the product will bee 74602800, from this cut off 7 figures, &c.

And you ſhall finde, that 7 l. 9 ſh. 2 d. &c. annuity to endure 30 yeares, is worth 100 l. ready mony, reckoning 6 ¼ *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The

The Work.

| | | |
|---|---|---|
| *Facit* | l. 7 | 46028 |
| | sh. 9 | 2056 |
| | d. 2 | 467 |

---

HItherto wee have supposed all the payments and conclusions of each question to be annuall.

But forasmuch as many times there are halfe yearely and quarterly payments, therefore wee will set downe 6 more Breviats:

Whereof,

The first two serve for questions of halfe yearely payments, reckoning 10 *per Cent. per Ann.*

The next two serve for questions of quarterly payments, reckoning 10 *per Cent. per Ann.*

The other two serve for questions of quarterly payments, reckoning $6\frac{1}{4}$ *per Centum, per Ann.*

In all which 6 Breviats (as in the former) account all the numbers for Numerators, each of them having for Denominator 10000000.

## The firſt Breviat of halfe yearely payments, reckoning 10 *per Cent. per An.*

Shewing what 1 l. will amount unto by the end of any of the numbers of halfe yeares ſtanding by the Breviat.

| *Halfe yeares.* | | | *Halfe yeares.* |
|---|---|---|---|
| 1 | 10488088 | 29923740 | 23 |
| 3 | 11536897 | 3 9161142 | 25 |
| 5 | 12690587 | 36207725 | 27 |
| 7 | 13959645 | 39828498 | 29 |
| 9 | 15355610 | 43811348 | 31 |
| 11 | 16891171 | 48192483 | 33 |
| 13 | 18580288 | 53011731 | 35 |
| 15 | 20438317 | 58312904 | 37 |
| 17 | 22482149 | 64144195 | 39 |
| 19 | 24730364 | 70558614 | 41 |
| 21 | 27203400 | | |

Theſe numbers of Halfe yeares, that make juſt yeares, as two halfe yeares, foure halfe years, ſix halfe yeares, &c. (being 1 yeare, 2 yeares, 3 yeares, &c.) are in this Breviat omitted, becauſe the numbers that ſerve for them are before ſet downe in the annuall Breviat of 10 *per Cent.* in page 16.

## The second Breviat of halfe yearely payments, reckoning 10 *per Cent. per An.*

Shewing what 1*l.* per halfe yeare, will amount to, being all forborne till the end of any of the numbers of halfe yeares, standing by the Breviat.

| Halfe yeares. | | Halfe yeares. |
|---|---|---|
| 1 | 10000000 | |
| 2 | 20488088 | |
| 3 | 31488088 | |
| 4 | 43024985 | |
| 5 | 55124985 | |
| 6 | 67815572 | |
| 7 | 81125572 | |
| 8 | 95085218 | |
| 9 | 109726218 | |
| 10 | 125081829 | |
| 11 | 141186929 | |
| 12 | 158078100 | |
| 13 | 175793710 | |
| 14 | 194373999 | |
| 15 | 213861170 | |
| 16 | 234299487 | |
| 17 | 255735375 | |
| 18 | 278217524 | |
| 19 | 301797001 | |
| 20 | 326527365 | |
| 21 | 352464790 | |
| | 379668190 | 22 |
| | 408199358 | 23 |
| | 438123098 | 24 |
| | 469507382 | 25 |
| | 502423496 | 26 |
| | 536946209 | 27 |
| | 573153952 | 28 |
| | 611128918 | 29 |
| | 650957417 | 30 |
| | 692729898 | 31 |
| | 736541247 | 32 |
| | 782490977 | 33 |
| | 830683460 | 34 |
| | 881228163 | 35 |
| | 934239895 | 36 |
| | 989839068 | 37 |
| | 1048151973 | 38 |
| | 1109311063 | 39 |
| | 1173455259 | 40 |
| | 1240730258 | 41 |
| | 1311288873 | 42 |

## The three and fortieth Queſtion, being the firſt of halfe yearely payments.

*What will* 100 *l. come to, if it be put forth at intreſt after* 10 per Cent. per Ann. *for* 6 *months?*

Beeauſe in this queſtion the time is 6 months, which is 1 halfe yeare, therefore turn to the firſt Breviat of halfe yearely payments, and there looke for the number that ſtands by 1 halfe yeare, which is

1 0488088.

Multiply this by 100 l. (the principall named in the queſtion) and the product will be

1048808800.

From this cut off 7 figures, and multiply, &c. as you have been ſhewed, and you ſhall finde that 100 l. will come to, by the end of 6 months,

104 l. 17 ſh. 7 d. &c.

The work.

| | | | |
|---|---|---|---|
| *Facit* | l | 104 | 88088 |
| | ſh. | 17 | 6176 |
| | d. | 7 | 4112 |

The

## The foure and fortieth queſtion, being the ſecond of halfe yearly payments.

*What will* 200 *l. amount to by the end of* 5 *yeares and a halfe, if it bee put forth at intreſt after* 10 per Cent. per Ann. *intreſt, and intreſt upon intreſt?*

This queſtion is like the next before, ſave that in this queſtion the time is 11 halfe yeares, whereas the time in the laſt queſtion was but 1 halfe yeare; therefore looke in the ſaid firſt Breviat, for the number ſtanding by 11 halfe yeares, which is 16891171. Multiply this by 200 l. (the principall named in the queſtion) and the product will bee 3378234200. From this cut off 7 figures, and multiply, &c. as you have in divers queſtions been ſhewed, and you ſhall finde, that if 200 l. bee put forth at intreſt after 10 *per Cent. per Ann.* intreſt, and intreſt upon intreſt, for 5 yeares and a halfe, it will amount by the end of the ſame time, unto 337 l. 16 ſh. 5 d. &c.

The work.

16891171

*Facit* { l. 337 \| 82342
ſh. 16 \| 4684
d. 5 \| 6208

The

## The five and fortieth queſtion, being the third of halfe yearely payments.

A. *oweth to* B. 100 *l. to be paid, Septemb. the thirtieth,* 1615. *and hee is contented to cleare this debt upon the thirtieth of March* 1613. *ſo hee may bee abated according to the intreſt of* 10 per Cent. per Ann. *intreſt, and intreſt upon intreſt. The queſtion therefore is how much mony* A. *ought to pay to* B. ?

Firſt, you ſee, the drift in this queſtion is, to finde what a debt due at time, is worth, to be paid before it bee due, therefore turne to the firſt Breviat of halfe yearely payments. And becauſe the day of payment (being the thirtieth of March 1613.) is two yeares and a halfe (which is five halfe yeares) before the day when the debt is due, (being the thirtieth of September 1615.) therefore looke in the ſame firſt Breviat of halfe yearely payments, for the number ſtanding by 5 halfe yeares, which is

1269058 7.

This is your Diviſor.

Then place 7 ciphers before 100 l. (the debt named in the queſtion) and it will be

1000000000.

This number is your Dividend.

Divide

Divide this Dividend by your Divisor, &c. and you shall finde, that *A.* ought to pay unto *B.* 781.15 sh. 11 d. &c. to cleare this debt of 100 l. two yeares and a halfe before it be due, reckoning 10 *per Cent. per Ann.* intrest, and intrest upon intrest.

The Work.

*Facit* 78. 15. 11 d. &c.

12690587

634529

528

The six and fortieth question, being the fourth of halfe yearely payments.

*A. oweth to* B. 1000 *l. to bee paid in five yeares,* vizt. 100 *l. at the end of each halfe yeare: the question is, if all these payments be forborn till the last payment grow due; what ought then to be paid for all the* 10 *payments, with the intrest of the 9 first payments, after the rate of* 10 per Cent. per Ann. *intrest, and intrest upon intrest?*

Because the drift in this question is to finde, what certaine halfe yearly payments will come to,

to, being all forborn till the end of them, therefore turne to the ſecond Breviat of halfe yearly payments. And becauſe the time is 5 yeares, which is 10 halfe yeares, therefore looke in the ſame Breviat for the number ſtanding by 10 halfe yeares, which is 125081829. Multiply this by 100 l. (the halfe yearely payment named in the queſtion) and the product will bee 12508182900. From this cut off 7 figures, &c. and you ſhall finde, that 100 l. per halfe yeare for 5 yeares, being all forborne till that time be expired, will amount to 1250 l. 16 ſh. 4 d. &c. reckoning 10 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The work.

| | | | |
|---|---|---|---|
| *Facit* | l. | 1250 | 81829 |
| | ſh. | 16 | 3658 |
| | d. | 4 | 3896 |

## The ſeven and fortieth queſtion, being the fift of halfe yearly payments.

*One oweth* 84 *l. to be paid in* 14 *yeares,* vizt. 3 *l. per halfe yeare: he agreeth with his Creditor to ſatisfie this debt with ready mony, reckoning* 10 per Cent. per Ann. *intreſt, and intreſt upon intreſt. They therefore demand, how much that ready mony ought to be?*

Becauſe

Becauſe the demand in this queſtion is, what certaine halfe yearely payments are worth ready mony, therefore turne to the ſecond Breviat of halfe yearely payments. And becauſe the time is 14 yeares (which is 28 halfe yeares) therefore looke in the ſame Breviat for the number ſtanding by 28 halfe yeares, which is 573153935. Multiply this by 3 l. (the halfe yearly payment named in the the queſtion) and the product will be 1719461805.

This Number is your Dividend.

Now becauſe the time in the queſtion is 14 yeares, therefore turne to the firſt Brevit of 10 *per Cent.* in page 16, and there looke for the fourteenth number, which is

37974983.

This number is your Diviſor.

Divide therfore your Dividend above-found by your Diviſor now found, &c. and you ſhall finde that the ready mony which ought to bee paid for 3 l. per halfe yeare, to endure 14 years, is 45 l. 5 ſh. 6 d. &c.

The Work.

573153935
*Facit* 45. 5. 6 d. &c.

37974983 | 1719461805
1898749 | 11158248
158 | 9757
383

## The firſt Breviat of quarterly payments, reckoning 10 *per Cent. per Ann.*

| Qu. of year. | Shewing what 1 l. will amount to by the end of any of the numbers of quarters of years ſtanding by the Breviat. | Qu. of year. | |
|---|---|---|---|
| 1 | 10241136 | 21 | 16493453 |
| 3 | 10740994 | 23 | 17298479 |
| 5 | 11265250 | 25 | 18142798 |
| 7 | 11815094 | 27 | 19028327 |
| 9 | 12391775 | 29 | 19957078 |
| 11 | 12996603 | 31 | 20931160 |
| 13 | 13630953 | 33 | 21952786 |
| 15 | 14296264 | 35 | 23024276 |
| 17 | 14994048 | 37 | 24148065 |
| 19 | 15725890 | 39 | 25326704 |

The numbers of quarters of yeares, in this Breviat omitted, are ſuch numbers as either make juſtly yeares, or juſtly halfe yeares, as 4 quarters, 8 quarters, 12 quarters, &c. make juſtly 1 yeare, 2 yeares, 3 yeares, &c.

The numbers which ſerve for them are not in this Breviat, becauſe they are already ſet down in the annuall Breviat of 10 *per Cent.* in page 16.

And the numbers which ſerve for ſuch numbers of quarters of yeares as make juſtly halfe yeares, as 2 quarters, 6 quarters, 10 quarters, &c. being 1 halfe yeare, 3 halfe yeares, 5 halfe yeares, &c. they are not in this Breviat, becauſe they are before ſet down in the Breviat of halfe yearly payments of 10 *per Cent.* in page 102.

The

# The second Breviat of quarterly payments, reckoning 10 *per Cent. per Ann.*

Shewing what 1 l. per quarter will amount to, being all forborn til the end of any of the numbers of quarters standing by the Breviat.

| Quar. of years. | | Quar. of years. | |
|---|---|---|---|
| 1 | 10000000 | 21 | 269284943 |
| 2 | 20241136 | 22 | 285778396 |
| 3 | 30729225 | 23 | 302669568 |
| 4 | 41470220 | 24 | 319968048 |
| 5 | 52470220 | 25 | 337683658 |
| 6 | 63735471 | 26 | 355826456 |
| 7 | 75272368 | 27 | 374406745 |
| 8 | 87087463 | 28 | 393435073 |
| 9 | 99187463 | 29 | 412922244 |
| 10 | 111579238 | 30 | 432879322 |
| 11 | 124269825 | 31 | 453317640 |
| 12 | 137266429 | 32 | 474248801 |
| 13 | 150576429 | 33 | 495684689 |
| 14 | 164207383 | 34 | 517637475 |
| 15 | 178167028 | 35 | 540119625 |
| 16 | 192463293 | 36 | 563143901 |
| 17 | 207104293 | 37 | 586723378 |
| 18 | 222098341 | 38 | 610873443 |
| 19 | 237453952 | 39 | 635601808 |
| 20 | 253179843 | 40 | 660928512 |

The

## The eight and fortieth Queſtion, being the firſt of quarterly payments.

*If Cipers be worth 25 d. the yard, ready mony; what is it worth to bee paid at 9 months end, reckoning* 10 per Cent. per Ann. *intreſt and intreſt upon intreſt?*

Becauſe the time is 9 months, which is 3 quarters of a yeare, looke in the firſt Breviat of quarterly payments, for the number which ſtandeth by 3 quarters, which is

10740994.

Multiply this by 25 d. (the price of the yard of Cipers named in the queſtion) and the product will be 268524850.

From this cut off 7 figures, and multiply the figures cut off by 4, and then cut off againe 7 figures, and multiply the figures laſt cut off by 8, and cut off againe 7 figures, and you ſhall find, that if a yard of Cipers be worth 25 d. to be received preſently in ready mony, the ſame yard is worth 26 d. 3 farthings, a quarter of a farthing, and halfe a quarter of a farthing, &c. to bee received nine months (which is 3 quarters of a yeare) after the delivery of the Cipers.

The

The work.

| | | | |
|---|---|---|---|
| | | 1 | 0740994 |
| | | 5 | 3704970 |
| *Facit* | pence | 26 | 852485 |
| | farthings | 3 | 40994 |
| | halfe quarter of a farthing | 3 | 27952 |

## The nine and fortieth Question, being the second of quarterly payments.

A. *oweth to* B. 500 *l. to be paid at* 3 *yeares* 3 *quarters end; the question is, how much ready mony will cleare this debt, reckoning* 10 per Cent. per Ann. *interest, and interest upon interest?*

First finde how many quarters of yeares are in 3 yeares 3 quarters, by multiplying 3 yeares by 4 quarters, and adding 3 quarters, so shall you finde 15 quarters of yeares; therfore look in the first Breviat of quarterly payments, for the number which standeth by 15 quarters of yeares, which is

14296264.

This number is your Divisor.

Then place 7 ciphers before 500 l. (the debt named in the question) and it will be

5000000000.

This number is your Dividend.

Divide this Dividend by your Diviſor, &c. and you ſhall finde, that the ready mony which will cleare the debt of 500 l. 3 yeares, 3 quarters before the day, is 349 l. 14 ſh. 10 d. &c. reckoning 10 *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The Worke.

*Facit* 349. 14. 10 d. &c.

14296264

714813

595

## The fiftieth Queſtion, being the third of quarterly payments.

*A Merchant ſold certain Pepper for* 1200 l. *to be paid in* 3 *yeares, viz.* 100 *per quarter. If all theſe payments be reſpited till the laſt payment grow due; what ought then to be paid, reckoning* 10 per Cent. per Ann. *intreſt and intreſt upon intreſt?*

Becauſe

Because the time in this question is 3 yeares, (which is 12 quarters) therefore looke in the second Breviat of quarterly payments, for the number which stands by 12 quarters, which number is

1372664 29.

Multiply this by 100 l. (the quarterly payment named in the question) and the product will be

137266429 00.

From this cut off 7 figures, &c. and you shall finde, if 100 l. per quarter for 12 quarters of yeares, which is 3 yeares, be all forborn till the 3 yeares end, that then there ought to bee paid 1372 l. 13 sh. 3 d. &c. reckoning 10 *per Cent. per Ann.* intrest, and intrest upon intrest.

The work.

| | | | |
|---|---|---|---|
| *Facit* | l. | 1372 | 66429 |
| | sh. | 13 | 2858 |
| | d. | 3 | 4296 |

## The one fiftieth Question, being the fourth of quarterly payments.

*A Gentleman hath a Tenant that payeth*

*him* 400 *l. a yeare*, vizt. 100 *l. per quarter*: *this Gentleman having occaſion to uſe mony, agreeth with his Tenant to receive ſo much mony of him preſently, as will diſcharge 4 years Rent aforehand, reckoning* 10 per Cent. per Ann. *intreſt, and intreſt upon intreſt. The queſtion is, how much that mony ought to be?*

Here the demand in effect is, what 100 l. per quarter for 4 yeares, (which is 16 quarters) is worth ready mony; therefore looke in the ſecond Breviat of quarterly payments, for the number which ſtands by 16 quarters, which is

192463293.

Multiply this number by 100 l. (the quarterly payment named in the queſtion) and the product will be

19246329300.

This number is your Dividend.

Now becauſe the time in this queſtion is 4 yeares, therefore looke in the annuall Breviat of 10 *per Cent. per Ann.* in page 16, for the fourth number, which is

14641000.

This number is your Diviſor.

Divide your Dividend above-found, by your Diviſor now found, &c. and you ſhall finde that

that to discharge aforehand 1001. per quarter for 16 quarters, (which is 4 yeares) the Tenant must pay in ready mony, 13141. 11 sh. — d. &c. reckoning 10 *per Cent. per Ann.* interest, and interest upon interest.

The Work.

*Facit* 13141. 11 sh. — d. &c.

14641000

732050
61

## The first Breviat of quarterly payments, reckoning $6\frac{1}{2}$ per Cent. per Ann.

| Quar. of years. | Shewing what 1 l. will amount to by the end of any of the numbers of quarters of years standing by the Breviat. | | Quar. of years. |
|---|---|---|---|
| 1 | 10152715 | 13747601 | 21 |
| 2 | 10307764 | 13957549 | 22 |
| 3 | 10465180 | 14170793 | 23 |
| 5 | 10787260 | 14606826 | 25 |
| 6 | 10951999 | 14829895 | 26 |
| 7 | 11119253 | 15056371 | 27 |
| 9 | 11461464 | 15519753 | 29 |
| 10 | 11636499 | 15756764 | 30 |
| 11 | 11814207 | 15997395 | 31 |
| 13 | 12177805 | 16489737 | 33 |
| 14 | 12363780 | 16741562 | 34 |
| 15 | 12552595 | 16997232 | 35 |
| 17 | 12938918 | 17520346 | 37 |
| 18 | 13136516 | 17787909 | 38 |
| 19 | 13337132 | 18059559 | 39 |

The numbers of quarters that make justly yeares, are therefore in this Breviat omitted, because the numbers which serve for them are before set down in the annuall Breviat of $6\frac{1}{2}$ *per Cent.* in page 91.

The

# The second Breviat of quarterly payments, reckoning 6 ½ per Cent. per Ann.

| Quar. of years. | Shewing what 1 l. per quarter will amount to, being all forborn til the end of any of the numbers of quarters standing by the Breviat. | Quar. of years. |
|---|---|---|
| 1 | 10000000 | |
| 2 | 20152715 | |
| 3 | 30460480 | |
| 4 | 40925660 | |
| 5 | 51550660 | |
| 6 | 62337920 | |
| 7 | 73289920 | |
| 8 | 84409173 | |
| 9 | 95698236 | |
| 10 | 107159700 | |
| 11 | 118796200 | |
| 12 | 130610407 | |
| 13 | 142605036 | |
| 14 | 154782842 | |
| 15 | 167146622 | |
| 16 | 179699218 | |
| 17 | 192443511 | |
| 18 | 205382430 | |
| 19 | 218518946 | |
| 20 | 231856079 | |
| | 245396890 | 21 |
| | 259144492 | 22 |
| | 273102041 | 23 |
| | 287272744 | 24 |
| | 301659856 | 25 |
| | 316266683 | 26 |
| | 331096578 | 27 |
| | 346152951 | 28 |
| | 361439257 | 29 |
| | 376959010 | 30 |
| | 392715775 | 31 |
| | 408713170 | 32 |
| | 424954871 | 33 |
| | 441444609 | 34 |
| | 458186171 | 35 |
| | 475183403 | 36 |
| | 492440211 | 37 |
| | 509960557 | 38 |
| | 527748467 | 39 |
| | 545808026 | 40 |

## The two and fiftieth queſtion, being the firſt of quarterly payments.

*March* 22 Anno 1612. A. *and* B. *reckon, and they finde, that* A. *oweth to* B. 400 *l. Now they agree that* A. *ſhall enter into Bond to pay this debt upon December* 22. 1614, *and to allow for the forbearance, after the rate of* 6 per Cent. per Ann. *intreſt, and intreſt upon intreſt. They therefore demand, unto what ſumme the ſaid* 400 *l. will amount, at the intreſt aforeſaid, by the day of payment, that it may be put in the Bond accordingly.*

If you conſider the time between March 22. 1612 and December 22. 1614. you ſhall finde that it is one yeare and 3 quarters, (which is 7 quarters of yeares) wherefore looke in the firſt Breviat of quarterly payments of 6 $\frac{1}{2}$ per Cent. for the number which ſtands by 7 quarters, which is

11119253.

Multiply this by 400 l. (the debt named in the queſtion) and the product will be

4447701200.

From this cut off 7 figures, and multiply, &c. and you ſhall finde, that the 400 l. which *A.* did

did owe to *B.* March 22. 1612. will amount to by December 22. 1614. the ſumme of 444 l. 15 ſh. 4 d. &c. reckoning 6 ¼ *per Cent. per Ann.* intreſt, and intreſt upon intreſt.

The Work.

1111 9253

*Facit* { l. 444 | 77012
sh. 15 | 4024
d. 4 | 8288

## The three and fiftieth queſtion, being the ſixt of quarterly payments.

A. *bought of* B. 40 *Tunnes of wine, at* 20 *l. per Tunne, to pay at* 3 *yeares end. When* 3 *months of the ſame* 3 *yeares are expired,* A. *agreeth with* B. *to diſcharge his debt with ready mony, reckoning* 6 ¼ per Cent. per Ann. *intreſt, and intreſt upon intreſt. They therefore demand, what that ready mony ought to be.*

It appeares, that by this laſt agreement *A.* ſhall pay his debt before his day, 2 yeares and 3 quarters, which is 11 quarters; therefore look in the firſt Breviat of quarterly payments of 6 ¼ *per Cent.* for the number which ſtandeth by 11 quarters, which is 11814207.

This number is your Diviſor.

Multiply

Multiply 40 Tuns by 20 l. and the product will be 800 l. the mony which should have beene paid for the wine at 3 yeares end; before this place 7 ciphers, and it will be

8000000000.

This number is your Dividend.

Divide this Dividend now found, by your Divisor above-found, and you shall finde, that the ready mony which *A.* shall pay to *B.* to discharge his debt 2 yeares and 3 quarters before the day, is 677 l. 3 sh. — d. &c. reckoning 6 ½ *per Cent. per Ann.* intrest, and intrest upon intrest.

The work.

*Facit* 677 l. 3 sh. — d. &c.

| | |
|---|---|
| 11814207 | 8000000000 |
| | 9114758 11 |
| 590710 | 8478136 |
| 4 | 1 983 |
| | 7 |

## The foure and fiftieth question, being the seventh of quarterly payments.

*One oweth 900 l. to be paid in 9 payments* vizt. *at the end of each quarter of a year* 100 l.

H

*Hee agreeth with his Creditor to respite all these payments till the last payment grow due, reckoning for forbearance after the rate of 6 ¼ per Cent, per Ann. intrest, and intrest upon intrest. The question is, what ought to bee paid?*

Because in this question it is demanded, what 9 quarterly payments will come to by the end of them, being all forborn for that time, therefore look in the second Breviat of quarterly payments of 6 ¼ *per Cent.* for the number which standeth by 9 quarters, which is

95698236.

Multiply this by 100 l. (the quarterly payment named in the question) and the product will be

95698236009.

From this cut off 7 figures, &c. and you shall finde, that if 100 l. per quarter for 9 quarters, (which is 2 yeares and a quarter) be all forborn till the end of the same time, that then there ought to be paid 9561. 19 sh. 7 d. &c. reckoning 6 ¼ *per Cent, per Ann.* intrest, and intrest upon intrest.

The work.

| | | |
|---|---|---|
| *Facit* | l. 956 | 98236. |
| | sh. 19 | 6472 |
| | d. 7 | 7664 |

The

## The five and fiftieth queſtion, being the eighth of quarterly payments.

*There is a Leaſe for* 8 ¼ *yeares yet to come, which yeeldeth* 400 *l.* per Annum, vizt. 100 *l. per quarter clearly, all out-rents paid: the queſtion is, what this Leaſe is worth, to be bought in ready mony, reckoning* 6 ¼ per Cent. per Ann. *intreſt, and intreſt upon intreſt.*

Firſt multiply 8 yeares by 4 quarters, and adde to the product 3 quarters; and it will ſhew, that in 8 yeares and 3 quarters, there are 35 quarters. So the queſtion in effect is, what 100 l. per quarter for 35 quarters, is worth ready mony, at the intreſt aforeſaid? Therefore looke in the ſecond Breviat of quarterly payments of 6 ¼ *per Cent.* for the number which ſtands by 35 quarters, which is

458186171.

Multiply this by 100 l. (the quarterly payment named in the queſtion) and the product will be

45818617100.

This number is your Dividend.

Now becauſe the time in the queſtion is 8 ¼ yeares,

yeares, which is 35 quarters, therefore looke in the first Breviat of quarterly payments, for the number which stands by 35 quarters, which is

16997232.

This number is your Divisor.

Divide therefore your Dividend by your Divisor, and you shall finde, that 100 l. per quarter, during 8 yeares and 3 quarters, is worth in ready mony, 2695 l. 13 sh. — d. &c. reckoning 6 ½ *per Cent. per Ann.* intrest, and intrest upon intrest.

The Work.

*Facit* 2695 l. 13 sh. — d. &c.

| | |
|---|---|
| 16997232 | 45818617100 |
| | 11624153927 |
| | 9581686 |
| 849861 | 1656825 |
| | 1 7 66 |
| 708 | 2 2 |

The

THus have you a Table of 10 *per Cent.* exactly calculated, and Breviats of 10 *per Cent.* 9 *per Cent.* 8 *per Cent.* 7 *per Cent.* 6 *per Cent.* 5 *per Cent.* and 6 ¼ *per Cent.* all ſerving for annuall payments; and alſo Breviats of 10 *per Cent.* ſerving for halfe yearely payments and Breviats for quarterly payments of 10 *per Cent.* and of 6 ¼ *per Cent.* with queſtions of each of thoſe intreſts, and inſtructions how to work thoſe queſtions; which inſtructions ſerve not only for thoſe queſtions, but alſo (with conſideration and uſe of reaſon) for reſolving many other neceſſary Queſtions.

Notwithſtanding, becauſe the Breviats before ſet down, do none of them contain the juſt intreſt which men make of their mony, when they buy land at 20 yeares purchaſe, nor at 16 yeares purchaſe; except the yearely Rent be received all at once, at the end of each yeare (both which rates of 20 and 16 yeares purchaſe are much uſed in buying Land and houſes; and commonly Rents are received either halfe yearely, or quarterly) therefore we will now ſet downe yet 4 more Breviats; whereof the firſt two ſerve for ſuch queſtions as require ſuch

pro-

profit for uſe of mony, as men have when they buy Land at 20 yeares purchaſe; and the other two ſerve for ſuch queſtions as require ſuch profit for uſe of mony, as men have when they buy Land at 16 yeares purchaſe.

But before we come to the Breviats, note this; that when Land is ſaid to be bought at 20 yeares purchaſe, the intreſt is to be underſtood in one of the 3 manners following:

The firſt is, when the Rent is received for each yeare altogether, at the end of the yeare; in which caſe the intreſt is 5 *per Cent. per Ann.*

The ſecond is, when the Rent is received halfe yearely; in which caſe the intreſt is 2 $\frac{1}{2}$ *per Cent.* or 1 *per* 40 *per* halfe yeare.

The third is, when the Rent is received quarterly; in which caſe the intreſt is 1 $\frac{1}{4}$ *per Cent.* or 1 *per* 80 *per* quarter.

For the firſt of theſe manners of receiving or paying Rent the Breviat of 5 *per Cent.* before ſet downe in page 66, doth ſerve the turne to work queſtions of Leaſes or Rents, after the rate of 20 yeares purchaſe.

For the ſecond manner of receiving Rent, which is halfe yearely, the two Breviats next following and above-mentioned, will ſerve; and alſo to work ſuch queſtions as require ſuch intreſt

intreſt or profit, by employment of mony as men have when they buy land at 20 years purchaſe, and receive halfe the yeares Rent at the end of each halfe yeare.

This intreſt or profit, as above is ſhewed, is $2\frac{1}{2}$ *per Cent.* or 1 *per* 40 *per* halfe yeare.

Which intreſt or profit (for brevity ſake) as well in the Titles of the two Breviats, as alſo in the queſtions, underſtand in theſe words; *After the rate of* 20 *yeares purchaſe.*

In both theſe Breviats (as in the former) account all the Numbers for Numerators, each of them having for Denominator

10000000.

# THE FIRST BREVIAT OF HALFE yearly Rents, reckoning intreſt after the rate of 20 yeares purchaſe.

Shewing what 1 l. put out at ſuch intreſt, for any number of halfe years under 101. will amount to at the end of them.

| Halfe ye. | | Halfe ye. | |
|---|---|---|---|
| 1 | 10250000 | 18087259 | 24 |
| 2 | 10506250 | 18539440 | 25 |
| 3 | 10768906 | 19002927 | 26 |
| 4 | 11038128 | 19478000 | 27 |
| 5 | 11314082 | 19964950 | 28 |
| 6 | 11596934 | 20464073 | 29 |
| 7 | 11886857 | 20975675 | 30 |
| 8 | 12184028 | 21500067 | 31 |
| 9 | 12488629 | 22037569 | 32 |
| 10 | 12800845 | 22588508 | 33 |
| 11 | 13120866 | 23153221 | 34 |
| 12 | 13448888 | 23732051 | 35 |
| 13 | 13785110 | 24335353 | 36 |
| 14 | 14129738 | 24933486 | 37 |
| 15 | 14482981 | 25556824 | 38 |
| 16 | 14845056 | 26195744 | 39 |
| 17 | 15216182 | 26850538 | 40 |
| 18 | 15596587 | 27521904 | 41 |
| 19 | 15986501 | 28209951 | 42 |
| 20 | 16386164 | 28915200 | 43 |
| 21 | 16795818 | 29638080 | 44 |
| 22 | 17215713 | 30379032 | 45 |
| 23 | 17646196 | 31138508 | 46 |

| Halfe ye. | | | Halfe ye. |
|---|---|---|---|
| 47 | 31916971 | 62167877 | 74 |
| 48 | 32714895 | 63722074 | 75 |
| 49 | 33532767 | 65315126 | 76 |
| 50 | 34371087 | 66948004 | 77 |
| 51 | 35230364 | 68621704 | 78 |
| 52 | 36111123 | 70337246 | 79 |
| 53 | 37013901 | 72095678 | 80 |
| 54 | 37939249 | 73898070 | 81 |
| 55 | 38887730 | 75745521 | 82 |
| 56 | 39859923 | 77639159 | 83 |
| 57 | 40856421 | 79580138 | 84 |
| 58 | 41877832 | 81569642 | 85 |
| 59 | 42924778 | 83608883 | 86 |
| 60 | 43997897 | 85699105 | 87 |
| 61 | 45097844 | 87841583 | 88 |
| 62 | 46225291 | 90037622 | 89 |
| 63 | 47380923 | 92288563 | 90 |
| 64 | 48565446 | 94595777 | 91 |
| 65 | 49779582 | 96960671 | 92 |
| 66 | 51024072 | 99384688 | 93 |
| 67 | 52299673 | 101869305 | 94 |
| 68 | 53607165 | 104416038 | 95 |
| 69 | 54947344 | 107026439 | 96 |
| 70 | 56321028 | 109702100 | 97 |
| 71 | 57729054 | 112444652 | 98 |
| 72 | 59172280 | 115255769 | 99 |
| 73 | 60651587 | 118137163 | 100 |

# THE SECOND BREVIAT OF HALFE yearly Rents, reckoning intreſt after the rate of 20 yeares purchaſe.

Shewing what 1 l. per halfe yeare, will amount unto, being all forborn untill the end of any number of halfe yeares under 101.

| Halfe ye. | | Halfe ye. | |
|---|---|---|---|
| 1 | 10000000 | 24 | 323490379 |
| 2 | 20250000 | 25 | 341577639 |
| 3 | 30756250 | 26 | 360117080 |
| 4 | 41525156 | 27 | 379120007 |
| 5 | 52563285 | 28 | 398598007 |
| 6 | 63877367 | 29 | 418562957 |
| 7 | 75474301 | 30 | 439027031 |
| 8 | 87361159 | 31 | 460002707 |
| 9 | 99545187 | 32 | 481502775 |
| 10 | 112033817 | 33 | 503540344 |
| 11 | 124834663 | 34 | 526128853 |
| 12 | 137955529 | 35 | 549282074 |
| 13 | 151404417 | 36 | 573014126 |
| 14 | 165189528 | 37 | 597339479 |
| 15 | 179319266 | 38 | 622272966 |
| 16 | 193802248 | 39 | 647829790 |
| 17 | 208647304 | 40 | 674025535 |
| 18 | 223863487 | 41 | 700876173 |
| 19 | 239460074 | 42 | 728398078 |
| 20 | 255446576 | 43 | 756608030 |
| 21 | 271832740 | 44 | 785523230 |
| 22 | 288628559 | 45 | 815161311 |
| 23 | 305844273 | 46 | 845540344 |

| Halfe ye. | | | Halfe ye. |
|---|---|---|---|
| 47 | 87667885 2 | 2086715093 | 74 |
| 48 | 908595824 | 2148882970 | 75 |
| 49 | 941310719 | 2212605044 | 76 |
| 50 | 974843487 | 2277920170 | 77 |
| 51 | 1009214575 | 2344868175 | 78 |
| 52 | 1044444939 | 2413489879 | 79 |
| 53 | 1080556062 | 2483827126 | 80 |
| 54 | 1117569964 | 2555922804 | 81 |
| 55 | 1155509213 | 2629820874 | 82 |
| 56 | 1194396943 | 2705566396 | 83 |
| 57 | 1234256867 | 2783205556 | 84 |
| 58 | 1275113289 | 2862785695 | 85 |
| 59 | 1316991121 | 2944355337 | 86 |
| 60 | 1359915899 | 3027964221 | 87 |
| 61 | 1403913797 | 3113663326 | 88 |
| 62 | 1449011641 | 3201504910 | 89 |
| 63 | 1495236932 | 3291542532 | 90 |
| 64 | 1542617856 | 3383831096 | 91 |
| 65 | 1591183302 | 3478426873 | 92 |
| 66 | 1640962885 | 3575387545 | 93 |
| 67 | 1691986957 | 3674772233 | 94 |
| 68 | 1744286631 | 3776641539 | 95 |
| 69 | 1797893797 | 3881057578 | 96 |
| 70 | 1852841142 | 3988084017 | 97 |
| 71 | 1909162170 | 4097786118 | 98 |
| 72 | 1966891224 | 4210240771 | 99 |
| 73 | 2026063505 | 4325486540 | 100 |

## The ſix and fiftieth queſtion, being the firſt of halfe yearely Rents after the rate of 20 yeares purchaſe.

*March* 25. 1613. *A Mochant paid* 1000 *l. for certain land which was out in Leaſe till March* 25. 1620. *during which Leaſe, the Merchant ſhall receive but a pepper corne* per Ann. *But after the ſame Leaſe is expired, he ſhall receive* 70 *l.* per Ann. vizt. 35 *l. per halfe yeare. The Queſtion is, whether this Merchant do pay for this land more or leſſe then* 20 *yeares purchaſe, and how much, reckoning intreſt after the rate of* 20 *yeares purchaſe, the Rent being received halfe yearly?*

Firſt, ſubtract 1613. (the yeare of our Lord when the land is paid for) from 1620. (the yeare of our Lord when the Leaſe mentioned in the queſtion expires) and there will remaine 7, which ſheweth that the purchaſer doth pay his 1000 l. 7 yeares beforehand. Therfore finde what 1000 l. will come to by 7 yeares end, being put forth at ſuch intreſt as in the queſtion is mentioned; which to finde, do thus:

Becauſe the time is 7 yeares, which is 14 halfe yeares, therefore look in the firſt Breviat

of halfe yearly Rents, for the number that ſtands by 14 halfe yeares, which is

14129738.

Multiply this by 1000 l. (the mony paid for the land named in the Queſtion, and now ſuppoſed to be put out at the intreſt aforeſaid, for 7 yeares, becauſe it was paid 7 yeares beforehand) and the product will be

14129738000.

From this cut off 7 figures, and multiply, &c. as you have been taught; and you ſhall finde that 1000 l. being put forth at the ſaid intreſt for 7 yeares, will come to

1412 l. 19 ſh. 5 d. &c.

Whereby appeares, that the land for which 1000 l. is paid 7 yeares beforehand, doth ſtand the purchaſer in

1412 l. 19 ſh. 5 d. &c.

reckoning intreſt after the rate of 20 yeares purchaſe, &c.

Now multiply 70 l. (the Rent for one yeare named in the queſtion) by 20 yeares, and the product will be 1400 l.

Thus much at 20 yeares purchaſe is the land (named in the queſtion) worth, to bee paid when the Leaſe mentioned in the Queſtion expires.

Subtract this 1400 l. from 1412 l. 19 ſh.

5 d. &c. before-found, and there will remain

12 l. 19 ſh. 5 d. &c.

Which ſheweth, that hee which 7 yeares before hand payeth 1000 l. for land, that yeelds 70 l. *per Ann. vizt.* 35 l. per halfe yeare, payeth more then 20 yeares purchaſe, by 12 l. 19 ſh. 5 d. &c.

The work.

| | | | |
|---|---|---|---|
| l. | 1412 | 9738 | 70 |
| ſh. | 19 | 476 | 20 |
| d. | 5 | 712 | |
| | | | 1400 l. |

1412. 19. 5. d. &c.
1400. --. -.

*Facit* { The purchaſer payeth for the Land } { 12 l. 19. 5 d. &c. more then 20 years purchaſe. reckoning intreſt after the rate of 20 yeares purchaſe, &c.

## The ſeven and fiftieth Queſtion, being the ſecond of halfe yearly Rents, after the rate of 20 yeares purchaſe.

*The King gave a Gentleman certain Land, reſerving the old Rent: this land is out in leaſe for 26 yeares yet to come; during which time, the Gentleman ſhall receive no more then he is to pay to the King. But after this 26 yeares*

*is expired, the Land will yeeld* 300 *l.* per Annum, *vizt.* 150 *l. per halfe yeare, more than the Rent due to the King. The queſtion is, what this Land is worth to be ſold, reckoning* 20 *yeares purchaſe, and intreſt after the rate of* 20 *yeares purchaſe, the Rent being received halfe yearely.*

Becauſe in this queſtion the rate of purchaſe is 20 yeares, therefore multiply 300 l. (the yearly profit after the Leaſe is expired) by 20, and the product will be 6000 l.

Thus much, at 20 yeares purchaſe, is the Land worth, to be paid at the expiration of the Leaſe, which is 26 yeares after the ſale; wherefore now the queſtion is, what this 6000 l. due at 26 yeares end (which is 52 halfe yeares) is worth ready mony, at ſuch intreſt as in the queſtion is mentioned.

Therefore look in the firſt Breviat of halfe yearely Rents, for the number that ſtands by 52 halfe yeares, which is

36111123.

This number is your Diviſor.

Then place 7 ciphers before 6000 l. (before found) and it will be

60000000000.

This number is your Dividend.

Divide

Divide this Dividend by your Divisor, &c. and you shall finde, that 300 l. *per Ann. vizt.* 150 l. per halfe yeare, after 26 yeares, is worth in ready mony, 1661 l. 10 sh. 9 d. &c. reckoning 20 yeares purchase, and intrest after the rate of 20 yeares purchase, &c.

The work.

| | |
|---|---|
| | *Facit* 1661. 10. 9. d. &c. |
| 36111123 | 60000000000 |
| | 23888877227 |
| | 222223386 |
| 1805556 | 5552563 |
| | 194641 |
| 150 | 13 9 |

## The eight and fiftieth question, being the third of halfe yearly Rents after the rate of 20 yeares purchase.

*A Gentleman hath a Tenant that payeth him for certaine Lands* 200 l. per Ann. vizt. 100 *l. per halfe yeare : this Gentleman is minded to travell for* 3 *yeares ; wherefore hee agreeth with the said Tenant, that hee shall keep*

*keep the Rents in his hands till the three yeares be expired; and that then he ſhall pay all the 600 l. together, with ſuch intreſt as men have when they buy Land at 20 yeares purchaſe, and receive the Rent halfe yearly. The queſtion is, how much the Tenant ſhall pay to the Gentleman at the three yeares end.*

The queſtion here in effect is, what 100 l. per halfe yeare for 3 yeares, which is 6 halfe yeares, will amount to, being all forborn till the three yeares end: therefore looke in the ſecond Breviat of halfe yearely Rents, for the number that ſtandeth by 6 halfe yeares, which is

63877367.

Multiply this by 100 l. (the halfe yearely Rent named in the queſtion) and the product will be

6387736700.

From this cut off 7 figures, and multiply, &c. and you ſhall finde, that 100 l. per halfe yeare, being all forborn for three yeares, will amount to at the three yeares end

638. 15. 5 d. &c.

reckoning intreſt after the rate of 20 yeares purchaſe, &c.

Therefore ſo much ought the Tenant to pay the Gentleman at the three yeares end.

The

The work.

| | | | |
|---|---|---|---|
| *Facit* | l. | 638 | 77367 |
| | ſh. | 15 | 4734 |
| | d. | 5 | 68 |

## The nine and fiftieth queſtion, being the fourth of halfe yearly Rents, after the rate of 20 yeares purchaſe.

*A man hath a Leaſe of certaine Land for* 19½ *yeares, which yeeldeth* 500 *l. per halfe yeare clearly, all out-rents paid: What is this Leaſe worth to be ſold, reckoning ſuch intreſt as men have when they buy Land at* 20 *yeares purchaſe, and receive the Rents halfe yearly?*

Multiply 19 yeares 2 by halfe yeares, and the product will bee 38 halfe yeares; to this adde the 1 halfe yeare, (named with the 19 yeares in the queſtion) and it will be 39 halfe yeares.

So you ſee, that the demand in the queſtion, in effect is, what 500 l. per halfe yeare, for 39 halfe yeares, is worth ready mony, at the intreſt named in the queſtion; therefore looke in the ſecond Breviat of halfe yearely Rents, for the number that ſtands by 39 halfe yeares, which is 647829790.

Multiply

Multiply this by 500 l. (the halfe yearely Rent named in the question) and the product will be

323914895000.

This number is your Dividend.

Now because the time in the question is $9\frac{1}{2}$ yeares, which is 39 halfe yeares; therfore look in the first Breviat of halfe yearely Rents, for the nine and thirtieth number, which is

26195744.

This number is your Divisor.

Divide your Dividend above-found, by your Divisor now found, &c. and you shall finde, that a Lease for $19\frac{1}{2}$ yeares, of that Land which yeelds 500 l. per halfe yeare Rent clearely, is worth to be sold, 12365 l. 3 sh 5 d. &c. reckoning intrest after the rate of 20 yeares purchase, &c.

The work.

| | |
|---|---|
| | 647829790 |
| *Facit* | 12365. 3. 5. d. &c. |
| 26195744 | ~~323914895000~~ |
| | ~~61557457869~~ |
| | ~~97659634~~ |
| | ~~113724947~~ |
| 1309787 | ~~5491~~ |
| | ~~452~~ |
| 109 | 9 |

Now

NOw follow the two Breviats of quarterly Rents, calculated for intreſt after the rate of 16 yeares purchaſe.

But before we come to the Breviats, note this; that when land is ſaid to be bought at 16 yeares purchaſe, the intreſt is to be underſtood in one of the three manners following:

1 Firſt, that if the Rent for each yeare bee received in one payment altogether at the end of the yeare, that then the intreſt is $6\frac{1}{4}$ *per Cent. per Ann.* or 1 *per* 16. *per Ann.*

2 Secondly, that if the Rent for each yeare be received in two payments, *vizt.* at the end of each halfe yeare, one moity, that then the intreſt is $3\frac{1}{8}$ *per Cent. per* halfe yeare, or 1 *per* 32 for halfe yeare.

3 Thirdly, that if the Rent for each yeare be received in foure payments, *vizt.* at the end of each quarter of a yeare, one fourth part of the yeares Rent, that then the intreſt is $1\frac{9}{16}$ *per Cent. per* quarter, or 1 *per* 64 quarter.

For the firſt of theſe manners of receiving Rent, the Breviats of $6\frac{1}{4}$ *per Cent. per Ann.* (before ſet down in page 91, 92, 93, 94, and 95.) do

do ſerve to work queſtions of Leaſes or Rents, &c. after the rate of 16 yeares purchaſe.

For the third of theſe manners of receiving Rent, *viz.* when the Rent is received quarterly; the two Breviats next following will ſerve the turne to work queſtions of Leaſes or Rents after the rate of 16 yeares purchaſe, and alſo to work ſuch queſtions as require ſuch intreſt or profit, by employment of mony, as men have when they buy land at 16 yeares purchaſe, and receive one fourth part of the yeares Rent, at the end of each quarter of a yeare: which intreſt (as above is ſhewed) is $1\frac{9}{16}$ *per Cent. per* quarter, or 1 *per* 64 *per* quarter.

Which intreſt (for brevity ſake) both in the Titles of the Breviats, and queſtions, underſtand in theſe words; *After the rate of* 16 *yeares purchaſe.*

In both theſe Breviats (as in the former) account all the numbers for Numerators, each of them having for Denominator

10000000.

# THE FIRST BREVIAT OF QVARterly Rents, reckoning intreſt after the rate of 16 yeares purchaſe, &c.

| Qu. of ye. | Shewing what 1 l put out at ſuch intereſt for any number of quarters of yeares, under 201 will amount to at the end of them. | | Qu. of ye. |
|---|---|---|---|
| 1 | 10156250 | 14284590 | 23 |
| 2 | 10314941 | 14507787 | 24 |
| 3 | 10476112 | 14734471 | 25 |
| 4 | 10639801 | 14964697 | 26 |
| 5 | 10806048 | 15198521 | 27 |
| 6 | 10974893 | 15435998 | 28 |
| 7 | 11146375 | 15677185 | 29 |
| 8 | 11320537 | 15922141 | 30 |
| 9 | 11497421 | 16170924 | 31 |
| 10 | 11677068 | 16423595 | 32 |
| 11 | 11859522 | 16680214 | 33 |
| 12 | 12044827 | 16940842 | 34 |
| 13 | 12233028 | 17205543 | 35 |
| 14 | 12424169 | 17474380 | 36 |
| 15 | 12618296 | 17747417 | 37 |
| 16 | 12815457 | 18024720 | 38 |
| 17 | 13015699 | 18306356 | 39 |
| 18 | 13219069 | 18592390 | 40 |
| 19 | 13425617 | 18882899 | 41 |
| 20 | 13635392 | 19177945 | 42 |
| 21 | 13848445 | 19477600 | 43 |
| 22 | 14064827 | 19781938 | 44 |

| Qu. of ye. | | | Qu. of ye. |
|---|---|---|---|
| 45 | 20091030 | 30065620 | 71 |
| 46 | 20404953 | 30535395 | 72 |
| 47 | 20723780 | 31012511 | 73 |
| 48 | 21047589 | 31497081 | 74 |
| 49 | 21376458 | 31989223 | 75 |
| 50 | 21710465 | 32489055 | 76 |
| 51 | 22049691 | 32996696 | 77 |
| 52 | 22394217 | 33512270 | 78 |
| 53 | 22744127 | 34035899 | 79 |
| 54 | 23099504 | 34567710 | 80 |
| 55 | 23460434 | 35107830 | 81 |
| 56 | 23827003 | 35656390 | 82 |
| 57 | 24199300 | 36213521 | 83 |
| 58 | 24577414 | 36779357 | 84 |
| 59 | 24961436 | 37354035 | 85 |
| 60 | 25351459 | 37937692 | 86 |
| 61 | 25747575 | 38530468 | 87 |
| 62 | 26149881 | 39132507 | 88 |
| 63 | 26558473 | 39743952 | 89 |
| 64 | 26973449 | 40364951 | 90 |
| 65 | 27394909 | 40995654 | 91 |
| 66 | 27822955 | 41636211 | 92 |
| 67 | 28257688 | 42286777 | 93 |
| 68 | 28699215 | 42947508 | 94 |
| 69 | 29147640 | 43618562 | 95 |
| 70 | 29603072 | 44300102 | 96 |

| Qu. of ye. | | | Qu. of ye. |
|---|---|---|---|
| 97 | 44992292 | 67329605 | 123 |
| 98 | 45695296 | 68381630 | 124 |
| 99 | 46409285 | 69450093 | 125 |
| 100 | 47134430 | 70535250 | 126 |
| 101 | 47870906 | 71637364 | 127 |
| 102 | 48618889 | 72756697 | 128 |
| 103 | 49378559 | 73893521 | 129 |
| 104 | 50150099 | 75048107 | 130 |
| 105 | 50933694 | 76220734 | 131 |
| 106 | 51729533 | 77411683 | 132 |
| 107 | 52537807 | 78621240 | 133 |
| 108 | 53358710 | 79849697 | 134 |
| 109 | 54192440 | 81097349 | 135 |
| 110 | 55039197 | 82364495 | 136 |
| 111 | 55899184 | 83651440 | 137 |
| 112 | 56772609 | 84958494 | 138 |
| 113 | 57659681 | 86285970 | 139 |
| 114 | 58560614 | 87634189 | 140 |
| 115 | 59473623 | 89003473 | 141 |
| 116 | 60404930 | 90394152 | 142 |
| 117 | 61348757 | 91806561 | 143 |
| 118 | 62307331 | 93241038 | 144 |
| 119 | 63280883 | 94697929 | 145 |
| 120 | 64269647 | 96177585 | 146 |
| 121 | 65273860 | 97680359 | 147 |
| 122 | 66293764 | 99206615 | 148 |

| Qu. of ye. | |
|---|---|
| 149 | 100756718 |
| 150 | 102331042 |
| 151 | 103929965 |
| 152 | 105553870 |
| 153 | 107203150 |
| 154 | 108878199 |
| 155 | 110579421 |
| 156 | 112307224 |
| 157 | 114062024 |
| 158 | 115844244 |
| 159 | 117654310 |
| 160 | 119492659 |
| 161 | 121359731 |
| 162 | 123255977 |
| 163 | 125181852 |
| 164 | 127137818 |
| 165 | 129124347 |
| 166 | 131141915 |
| 167 | 133191007 |
| 168 | 135272116 |
| 169 | 137385743 |
| 170 | 139532396 |
| 171 | 141712589 |
| 172 | 143926848 |
| 173 | 146175705 |
| 174 | 148459701 |
| 175 | 150779384 |
| 176 | 153135312 |
| 177 | 155528051 |
| 178 | 157958177 |
| 179 | 160426273 |
| 180 | 162932934 |
| 181 | 165478761 |
| 182 | 168064366 |
| 183 | 170690372 |
| 184 | 173357409 |
| 185 | 176066119 |
| 186 | 178817152 |
| 187 | 181611170 |
| 188 | 184448844 |
| 189 | 187330858 |
| 190 | 190257902 |
| 191 | 193230682 |
| 192 | 196249911 |
| 193 | 199316316 |
| 194 | 202430634 |
| 195 | 205593612 |
| 196 | 208806013 |
| 197 | 212068607 |
| 198 | 215382179 |
| 199 | 218747525 |
| 200 | 222165455 |

# THE SECOND BREVIAT OF QVARterly Rents, reckoning intreſt after the rate of 16 yeares purchaſe, &c.

Shewing what 1 l. per quarter, will amount to, being all forborn till the end of any number of quarters of yeares under 201.

| Qu. of ye. | | | Qu. of ye. |
|---|---|---|---|
| 1 | 10000000 | 27421380 5 | 23 |
| 2 | 20156250 | 28849839 5 | 24 |
| 3 | 30471191 | 30300618 3 | 25 |
| 4 | 40947303 | 31774065 4 | 26 |
| 5 | 51587105 | 33270535 2 | 27 |
| 6 | 62393153 | 34790387 3 | 28 |
| 7 | 73368046 | 36333987 1 | 29 |
| 8 | 84514422 | 37901705 7 | 30 |
| 9 | 95834960 | 39493919 8 | 31 |
| 10 | 107332381 | 41111012 3 | 32 |
| 11 | 119009450 | 42753371 9 | 33 |
| 12 | 130868972 | 44421393 3 | 34 |
| 13 | 142913800 | 46115477 6 | 35 |
| 14 | 155146828 | 47836032 0 | 36 |
| 15 | 167570997 | 49583470 0 | 37 |
| 16 | 180189294 | 51358211 7 | 38 |
| 17 | 193004752 | 53160683 7 | 39 |
| 18 | 206020451 | 54991319 4 | 40 |
| 19 | 219239521 | 56850558 8 | 41 |
| 20 | 232665138 | 58738848 8 | 42 |
| 21 | 246300531 | 60656643 3 | 43 |
| 22 | 260148977 | 62604403 3 | 44 |

| Qu. of ye. | | | Qu. of ye. |
|---|---|---|---|
| 45 | 645825971 | 1284199700 | 71 |
| 46 | 665917002 | 1314265321 | 72 |
| 47 | 686321955 | 1344800716 | 73 |
| 48 | 707045736 | 1375813227 | 74 |
| 49 | 728093326 | 1407310309 | 75 |
| 50 | 749469784 | 1439299533 | 76 |
| 51 | 771180249 | 1471788588 | 77 |
| 52 | 793229940 | 1504785285 | 78 |
| 53 | 815624158 | 1538297555 | 79 |
| 54 | 838368286 | 1572333454 | 80 |
| 55 | 861467790 | 1606901164 | 81 |
| 56 | 884928225 | 1642008995 | 82 |
| 57 | 908755228 | 1677665385 | 83 |
| 58 | 932954528 | 1713878907 | 84 |
| 59 | 957531943 | 1750658265 | 85 |
| 60 | 982493380 | 1788012300 | 86 |
| 61 | 1007844839 | 1825949993 | 87 |
| 62 | 1033592414 | 1864480461 | 88 |
| 63 | 1059742296 | 1903612968 | 89 |
| 64 | 1086300769 | 1943356921 | 90 |
| 65 | 1113274219 | 1983721873 | 91 |
| 66 | 1140669128 | 2024717527 | 92 |
| 67 | 1168490083 | 2066353739 | 93 |
| 68 | 1196749772 | 2108640516 | 94 |
| 69 | 1225448987 | 2151588024 | 95 |
| 70 | 1254596628 | 2195206587 | 96 |

| Qu. of ye. | | Qu. of ye. |
|---|---|---|
| 97 | 22395066900 | 123 |
| 98 | 22844989800 | 124 |
| 99 | 23301942780 | 125 |
| 100 | 23766035640 | 126 |
| 101 | 24237379950 | 127 |
| 102 | 24716089010 | 128 |
| 103 | 25202277900 | 129 |
| 104 | 25696063490 | 130 |
| 105 | 26197564480 | 131 |
| 106 | 26706901430 | 132 |
| 107 | 27224196760 | 133 |
| 108 | 27749574840 | 134 |
| 109 | 28283161950 | 135 |
| 110 | 28825086350 | 136 |
| 111 | 29375478320 | 137 |
| 112 | 29934470170 | 138 |
| 113 | 30502196270 | 139 |
| 114 | 31078793090 | 140 |
| 115 | 31664399230 | 141 |
| 116 | 32259155470 | 142 |
| 117 | 32863204770 | 143 |
| 118 | 33476692350 | 144 |
| 119 | 34099765660 | 145 |
| 120 | 34732574500 | 146 |
| 121 | 35375270980 | 147 |
| 122 | 36028009590 | 148 |
| | 36690947240 | 123 |
| | 37364243290 | 124 |
| | 38048059590 | 125 |
| | 38742560520 | 126 |
| | 39447913030 | 127 |
| | 40164286670 | 128 |
| | 40891853650 | 129 |
| | 41630788860 | 130 |
| | 42381269940 | 131 |
| | 43143477280 | 132 |
| | 43917594120 | 133 |
| | 44703806520 | 134 |
| | 45502303500 | 135 |
| | 46313276990 | 136 |
| | 47136921950 | 137 |
| | 47973436350 | 138 |
| | 48823021290 | 139 |
| | 49685881000 | 140 |
| | 50562222890 | 141 |
| | 51452257630 | 142 |
| | 52356199150 | 143 |
| | 53274264760 | 144 |
| | 54206675150 | 145 |
| | 55153654450 | 146 |
| | 56115430300 | 147 |
| | 57092233900 | 148 |

| Qu. of ye. | | Qu. of ye. |
|---|---|---|
| 149 | 5808430005 | 9009880589 175 |
| 150 | 5909186724 | 9160659974 176 |
| 151 | 6011517767 | 9313795286 177 |
| 152 | 6115447732 | 9469323337 178 |
| 153 | 6221001603 | 9627281514 179 |
| 154 | 6328204753 | 9787707788 180 |
| 155 | 6437082952 | 9950640722 181 |
| 156 | 6547662373 | 10116119483 182 |
| 157 | 6659969598 | 10284183850 183 |
| 158 | 6774031623 | 10454874223 184 |
| 159 | 6889875867 | 10628231633 185 |
| 160 | 7007530177 | 10804297752 186 |
| 161 | 7127022836 | 10983114904 187 |
| 162 | 7248382568 | 11164726075 188 |
| 163 | 7371638546 | 11349174920 189 |
| 164 | 7496820398 | 11536505778 190 |
| 165 | 7623958217 | 11726763681 191 |
| 166 | 7753082564 | 11919994363 192 |
| 167 | 7884224479 | 12116244275 193 |
| 168 | 8017415486 | 12315560592 194 |
| 169 | 8152687603 | 12517991226 195 |
| 170 | 8290073347 | 12723584839 196 |
| 171 | 8429575743 | 12932390852 197 |
| 172 | 8571318333 | 13144459459 198 |
| 173 | 8715245182 | 13359841638 199 |
| 174 | 8861420888 | 13578589164 200 |

## The ſixtieth queſtion, being the firſt of quarterly Rents, after the rate of 16 yeares purchaſe.

*If a man pay 50 l. for a Leaſe in reverſion after 9 yeares and a quarter; what doth this Leaſe in reverſion ſtand him in at the beginning thereof, reckoning intreſt after the rate of 16 yeares purchaſe, the Rents being received quarterly?*

Becauſe the time in this queſtion is 9 ¼ years, which is 37 quarters, therefore look in the firſt Breviat of quarterly Rents, for the number that ſtands by 37 quarters, which is

17747417.

Multiply this number by 50 l. (the mony paid for the Leaſe) and the product will be

887370850.

From this cut off 7 figures, &c. and you ſhall finde, if 50 l. bee paid for a Leaſe in reverſion 9 yeares and a quarter beforehand, that the ſame Leaſe at the beginning therof, doth ſtand the buyer in

88 l. 14 ſh. 8 d. &c.

reckoning intreſt after the rate of 16 yeares purchaſe, &c.

The work.

17747417

*Facit* { l. 88|737085
sh. 14|7417
d. 8|9004

## The ſixty one Queſtion, being the ſecond of quarterly Rents, after the rate of 16 yeares purchaſe.

*There is certain Land which yeelds* 400 *l.* per Ann. vizt. 100 *l. Rent, per quarter: what is this Land worth, to bee ſold when the purchaſer muſt pay the mony* 10 *yeares before he enter upon it? reckoning* 16 *yeares purchaſe, and intreſt after the rate of* 16 *years purchaſe, the Rents being received quarterly.*

Becauſe in this queſtion the rate of purchaſe is 16 yeares; therefore multiply 400 l. (the Rent for one yeare) by 16, and the product will be 6400 l.

Thus much at 16 yeares purchaſe is the Land worth to bee paid when the purchaſer enters upon its which is 10 yeares after the purchaſer muſt pay his mony. Therefore now the queſtion is, what this 6400 l. due at 10 yeares end,

which

which are 40 quarters, is worth ready mony, reckoning such intrest as in the question is mentioned: wherefore looke in the first Breviat of quarterly Rents, for the number which stands by 40 quarters, which number is

18592363.

This number is your Divisor.

Now place 7 ciphers before 6400 l. above-found, and it will be

64000000000.

This number is your Dividend.

Divide this Dividend by your Divisor, &c. and you shall finde that 100 l. per quarter, is worth, to be paid for 10 yeares before-hand.

3442 l. 5 sh. 4 d. &c.

reckoning intrest after the rate of 16 years purchase, &c.

The work.

*Facit* 3442 l. 5 sh. 4 d. &c.

| | |
|---|---|
| 18592393 | 64000000000 |
| | 8222821884 |
| | 785163299 |
| | 42988 1 |
| 929619 | 4333 |
| 77 | 5 |

The

## The ſixty two queſtion, being the third of quarterly Rents, after the rate of 16 yeares purchaſe.

*If 200 l. per quarter bee all forborne till 7 yeares end; what is it then worth, reckoning intreſt after the rate of 16 yeares purchaſe, the Rents being received quarterly?*

Becauſe the time in this queſtion is 7 years, which is 28 quarters, therefore look in the ſecond Breviat of quarterly Rents, for the number which ſtands by 28 quarters, which is

347903873.

Multiply this by 200 l. (the quarterly Rent named in the queſtion) and the product will be

69580774600.

From this cut off 7 figures, &c. and you ſhall finde, if 200 l. per quarter, with the intreſt after the rate of 16 yeares purchaſe, &c. bee all received together at 7 yeares end, that then there ought to be received 69581. 1 ſh. 6 d. &c.

The work.

| | | | |
|---|---|---|---|
| *Facit* | l. | 6958 | 07746 |
| | ſh. | 1 | 5492 |
| | d. | 6 | 5904 |

The

## The ſixty third queſtion, being the fourth of quarterly Rents, after the rate of 16 yeares purchaſe.

*A man hath a Leaſe to endure 30 yeares yet to come, for which time hee is to pay 40 l. a yeare, vizt. 10 l. per quarter Rent: How much mony ſhall he pay to his Landlord, to bring the Rent down to 20 ſh. a quarter, reckoning intreſt after the rate of 16 yeares purchaſe, the Rents being received quarterly?*

If 10 l. per quarter Rent be brought down to 20 ſh. a quarter, it appeareth that the Rent is diminiſhed 9 l. per quarter. Therefore finde what 9 l. per quarter for 30 yeares, is worth in ready mony, reckoning ſuch intreſt as in the queſtion is mentioned. Which to do, firſt multiply 30 yeares by 4 quarters, and you ſhall finde, that in 30 yeares are 120 quarters of yeares: then looke in the ſecond Breviat of quarterly Rents, for that number which ſtands by 120 quarters, which is

3473257450.

Multiply this by 9 l. (the quantity of quarterly Rent to bee abated, the valew whereof in ready mony you now ſeeke, and the product will

will be

3125931705 0.

This number is your Dividend.

Now because the time of the Lease is 30. yeers, which are 120. quarters; therefore looke for the number which stands by 120. quarters in the first Breviat of quarterly Rents, which number is

64269647.

This number is your Divisor.

Divide now your Dividend by your Divisor, &c. and you shall finde that 9 l. per quarter for 30 yeares, is worth in ready money

486 l. 7 sh. 6 d. &c.

reckoning intrest after the rate of 16 yeeres purchase, &c.

Therefore the Tenant to bring his rent downe from 10 l. a quarter to 20 sh. a quarter, must pay to his Land-lord

486 l. 7 sh. 6 d. &c.

The work.

*Facit* 486 *l.* 7 *sh.* 6 *d.* *&c.*

| | |
|---|---|
| 64269647 | 3125931705 0 |
| | 5521458298 |
| | 4 9886434 |
| 3213482 | 42686 |
| 267 | 17742 |

Thus

THus having ſet downe inſtructions for ſo many queſtions, wee doubt not but the heedfull Reader will by them, not onely conceive how to worke the Queſtions already done; but alſo perceive how to worke many other Queſtions. Therfore in the Queſtions following, we will not ſet downe ſuch inſtructions as hitherto we have done.

In working which Queſtions, we wil make uſe of the ſeverall Breviats before ſet downe, as the ſeveral Int. in each queſtion ſhall give cauſe.

## The ſixty fourth Queſtion.

*A Merchant oweth* 400 *l. to be paid in* 5 *yeeres, by* 80 *l. at the end of eaeh yeere: hee agreeth with his Creditor to cleare the debt preſently, reckoning* 10 per Cent. per Ann. *int. and int. upon int. They therefore demand, how much the Debitor ſhall pay in ready money, to ſatisfie his debt according to their agreement.*

The Work.

37907867

*Facit* l 303 | 262936
sh 5 | 25872
d 3 | 10464

The

## The sixty fift Question.

*One oweth* 100 *l. to bee paid in* 10 *yearly equall payments, by* 10 *l. a yeere: this Debitor is contented to cleare the debt presently, so hee may be allowed after the rate of* 10 per Cent. per Ann. *intrest, and intrest upon intrest, to which the Creditor agreeth. The question is, how much ready money will suffice to pay it.*

### The work.

*Facit* { l. 61|445672 / sh. 891344 / d. 1096128

## The sixty sixt Question.

*If the Lease of an house for* 22 *yeares, cost* 210 *l. and* 10 *l.* per Ann. vizt. 2 *l.* 10 *sh. per quarter Rent: I demand what quarterly Rent this house shall stand the Tenant in, reckoning such intrest as men have when the buy houses at* 16 *yeares purchase, and receive the Rent quarterly?*

The

The work.

| | |
|---|---|
| | 39132507 |
| | 78265014 |
| | 4 *l.* 8 *sh.* 1 *d.* &c. |
| 1864480461 | 8217826470 |
| 93224023 | 759914626 |
| 77 | 141 2442 |

*Facit* 6. 18. 1 *d.* &c. *per quarter.*

## The sixty seventh Question.

*One oweth* 662 *l. to be paid at the end of* 3 *years: he agreeth with his Creditor to pay it in three payments,* vizt. *at the end of every yeare a summe, the one payment no greater then the other. The question is, how much each payment shall be, reckoning* 10 per Cent. per Ann. *intrest, and intrest upon intrest?*

The Worke.

*Facit* 200 *l.*

331 66200

## The sixty eighth Question.

Iohn Rainton *did owe to* Philippo Corsini, *and* Martin

Martin de la Faille, 11200 l. *payable in* 14 *yeers by* 800 *l. a yeere: the queſtion is, what the ſame was worth in ready money, reckoning* 8 per Cent. per Annum, *intereſt, and intereſt upon intereſt.*

The work.

19371936
242149200

*Facit* 6595 *l.* 7 *ſh.* 9 *d.* &c.

29371936

1468596
122

## The ſixtie ninth Queſtion.

*If for a Leaſe in reverſion after* 9. *yeeres, a man pay* 50 *l. ready money, and* 10 *ſh. per quarter: What doth that Leaſe ſtand him in, reckoning ſuch intereſt as men have when they buy houſes at* 16 *yeeres purchaſe, and receive the rent quarterly?*

The

The Work.

| | | |
|---|---|---|
| 17474380 | | 478360320 |
| | | 239180160 |
| | | 873719000 |
| *Facit* | l | 111\|2899160 |
| | sh | 5\|79832 |
| | d | 9\|57984 |

## The seventieth Question.

*One oweth 900 l. to bee paid all at the end of 2 yeeres: he agreeth with his Creditor to pay it in 5 yeeres,* viz. *every yeere a like summe. They demand what each of these 5 payments shall bee, reckoning* 10 per Cent. per Ann. *int. and int. upon int.*

The Work.

| | | |
|---|---|---|
| 8264462 | | 2637974 |
| 7438015800 | | 13189870 |
| | | 21103792 |
| | | 21103792 |
| | | 7913922 |
| | | 10551896 |
| | | 18465818 |
| *Facit* | l | 196\|212922919892 |
| | sh | 4\|25845839784 |
| | d | 3\|1014 |

## The seventie one Question.

*A man died, who gave by Will out of his Land, 1000 l. to be paid at the end of 17 yeeres: his Executor agreeth to set out Land for 17 yeers to answer this. The Question is, of how much Rent for one quarter of a yeere that Land must be, reckoning intrest after the rate of 16 yeeres purchase, the Rents being received quarterly.*

### The worke.

*Facit* 8. 7. 1. *d. &c. per quar.*

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|---|---|
| 1196749772 | ~~1000000000~~ |
| 59837488 | ~~4261318~~ ~~24~~ |
| 49 | 7 94 8 |

## The seventy two Question.

*The Mannor of Dale is out in lease for 7 yeeres at* 10 *l.* per Ann. *rent; which Mannor by survey is found to bee worth* 80 *l.* per Annum. *This Mannor is to bee sold at 16 yeeres purchase, according to the said rate of survey: what shall be paid, reckoning such intrest as men have when they buy land at 16. yeeres purchase, and receive the rent quarterly?*

The

The Work.

347903873
2 1/2

695807746
173951936

869759682
12800000000

*Facit* 885 *l.* 11 *ſh.* 6 *d. &c.*

15435998

771799

64

41

## The ſeventy third Queſtion.

*Sept.* 1. Anno 1612. A. *did owe to* B. 1200 *l. to be paid in manner following:*

200 *l. Sept.* 1. Anno 1613.
200 *l. March* 1. Anno 1613.
200 *l. Sept.* 1. Anno 1614.
200 *l. March* 1. Anno 1614.
200 *l. Sept.* 1. Anno 1615.
200 *l. March* 1. Anno 1615.

*Of these parcels* A. *paid to* B. 600 *l. upon March* 1. Anno 1612. *and agreed to pay the rest upon Sept.* 1. Anno 1613. *The Question is, what he shall then pay, reckoning* 10 per Cent. per Ann. *intrest, and intrest upon intrest.*

The work.

67815572
13563114400
7986000000

*Facit* 439 *l.* 9 *sh.* 4 *d.* &c.

12690587
634529
52

~~5577114400~~
~~1258796~~97
~~161946~~
~~9467~~
2359

## The seventy fourth Question.

*One is to pay* 100 *l. upon these dayes,* vizt. 40 *l. upon the* 26 *of February* 1615. *and* 60 *l. upon the* 26 *of February* 1616. *What will these two parcels bee worth, to bee paid upon the* 26 *of November* 1613. *reckoning* 10 per Cent. per Ann. *intrest, and intrest upon intrest?*

The

The work.

32 l. 5 ſh. 7 d. &c.

| | |
|---|---|
| 12391775 | 4 |
| | 2824675 |
| 619588 | 346326 |
| 51 | 3 5 |
| | 44. — .4 d. &c. |
| 13630953 | 6 |
| 681547 | 54761888 |
| 56 | 238 6 |
| | Facit 76. 5. 11 d. &c. |

## The ſeventy fift Queſtion.

*A man delivered to a Merchant* 44 *l. to have it paid againe with the intreſt, at the end of* 2 *yeares and* 3 *quarters, after the rate of* 10 per Cent. per Ann. *intr. and intr. upon intr. The queſtion is, what he ought then to receive.*

The work.

12996603
51986412

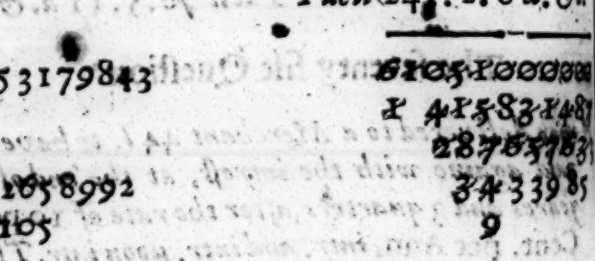
Facit { l. 571850532
ſh. 3701064
d. 841276

## The ſeventy ſixt Queſtion.

*A man oweth 5000 l. to be paid in 5 yeares, that is to ſay, at the end of each yeare 1000 l. The man and his Creditor make a ſecond agreement, to pay the ſaid debt in 20 equall payments, that is to ſay, every 3 months one payment: the queſtion is, what each payment ſhall be, reckoning 10 per Cent. per Ann. intreſt and intreſt upon intreſt.*

The work.

*Facit* 241. 2. 8 *d.* &c.



## The ſeventy ſeventh Queſtion.

*A man oweth 200 l. to be paid preſently: but wanting mony, he and his Creditor agree that the debt and intreſt ſhall bee paid in 4 yeares, in 16 equall payments: viz. at the end of each quarter of a yeare one payment, reckoning 10 per Cent. per Ann. intreſt, and intreſt upon intreſt.*

*intreſt. They demand what each quarterly payment ought to be.*

The work.

14641000
200

*Facit* 15. 4. 3 *d. &c.*

192463293

9623164
801

The ſeventy eight Queſtion:

*A man oweth* 1050 *l. payable at the end of* 4 *yeares; but he agreeth with his Creditor, to pay it in* 4 *payments,* vizt. *at the end of each yeare a like ſumme. The queſtion is, what each yearly payment ſhall bee, reckoning* 10 per Cent. per Ann. *intreſt, and intr. upon intr.*

The Work.

*Facit* 226. 4. 10 *d. &c.*

464100

23205
19

## The seventy ninth Question.

*One oweth* 100 *l. to be paid by* 50 *l. a yeare; but hee agreeth with his Creditor to take it in* 8 *quarterly payments,* vizt. *at the end of each quarter of a yeare, a like summe, rebating after the rate of* 10 per Cent. per Ann. *intrest, and int. upon int. The question is, what each quarterly payment ought to be.*

The work.

21000000
50

*Facit* 12. 1. 1 *d. &c.*

87087463 ~~1050000000~~
~~179125374~~
4354373 ~~495644~~1
36 59 7

## The eightieth Question.

*A Merchant hath two Bils, by which a man oweth him* 1000 *l.* vizt. *by one Bill* 600 *l. to bee paid at* 9 *months end, and by the other Bill* 400 *l. to be paid at* 15 *months end: his Debitor is contented to cleare these Bils presently with*

*with ready mony, so hee may bee allowed after* 10 per Cent. per Ann. *to which the Merchant agreeth. The question therefore is, what ready mony ought to be paid.*

The work.

558. 12. 1 *d. &c.*

10740994

537049
447

355. 1. 6 *d. &c.*

11265250

563262
46

*Facit* 913. 13. 7 *d. &c.*

## The eighty one Question.

*A man oweth* 11. 17. 6 *d. to bee paid by* 50 *sh. a yeare, vizt. at the end of each quarter of a yeare,* 12 *sh.* 6 *d. The question is, what the same debt is worth ready mony, reckoning* 10 per

10 per Cent. per Ann. *intrest, and intrest upon intrest.*

The work.

| | |
|---|---|
| | 237453952 |
| | 12.6 *d.* |
| | 118726976 |
| | 29681744 |
| | *Facit* 9. 8. 8 *d. &c.* |
| 15725890 | ~~1~~48~~4~~08~~7~~20 |
| 786294 | 687 53 ~~1~~8 |
| 655 | 58 5 |

## The eighty two Question.

*A man oweth* 84 *l. payable by* 7 *l. every halfe yeare : this man offers to cleare the said debt presently, so he may bee abated after the rate of* 10 per Cent. per Ann. *or to pay it altogether, with such intrest, when the last payment should bee paid. The Creditor therefore demandeth what the same debt is worth in ready mony ; and what it is worth to be paid altogether when the last payment should be paid.*

The

The work.

| | | | |
|---|---|---|---|
| | 158078100 | l. 110 | 65497 |
| | | sh. 13 | 0934 |
| | 62.9.2.*d.&c.* | d. 1 | 12 |

17715610 ~~1106546700~~
~~4361818~~
885780 ~~817685~~
738 2

The debt is worth to be paid { In ready mony 62. 9. 2 d. &c.
At the time of the last payment } 110. 13. 1 *d. &c.*

## The eighty third Question.

*A Merchant oweth* 100 *l. payable at* 12 *months end: he requesteth his Creditor to take it quarterly by* 4 *equall payments, allowing him for intrest after* 10 per Cent. per Ann. *The question is, what one of the said foure equall payments must be.*

The

## The Work.

*Facit* 24. 2. 3. *d.&c.*

| | |
|---|---|
| 41470220 | 1000000000 |
| | 174595628 |
| 2073511 | 71479 |
| 17 | 5676 |

## The eighty fourth Question:

*A Gentleman offered to a Merchant* 50 *l. to receive for it yeerely* 10 *l. for* 8 *yeeres following, and then to leave the Capitall wholly to the Merchant. The question is, whether it were better for the Merchant to accept of this, or to refuse it, accounting intrest after* 10 per Cent. per Ann.

## The Work.

| | |
|---|---|
| l | 53'349262 |
| sh | 698524 |
| d | 118228 |

53. 6. 11 *d.&c.*
50. —. —.

It is better for the Merchant to refuse it.

The

## The eighty fift Question.

*A Merchant delivered at intrest 300 l. for a yeere at* 10 per Cent. per Ann. *This Merchant having occasion to imploy money at 3 moneths end, after hee did deliver the said 300 l. is desirous to sell or set over the said debt, and will allow for the time unexpired, being 9 moneths, after the rate of* 10 per Cent. per Ann. *The question is, how much the said Mercant must receive.*

### The Work.

64

*Facit* 307. 4. 8 *d. &c.*

| | |
|---|---|
| 10740994 | 3300000000 |
| | 77711842 |
| 537049 | 25646 6 |
| 447 | 3 6 |

## The eightie sixt Question.

*A Merchant doth owe 600 l. to be paid in three yeeres; that is to say, at the end of every yeere 200 l. he doth agree with his Creditor, to pay him altogether at the 3 yeeres end, in allowing*

8 per

8 per Cent. per Ann. *intreſt, and int. upon int. The queſtion is, how much he muſt pay at the 3 yeeres end.*

The Work.

25971 20

32464000
200

Facit { l 649 | 28
sh 5 6
d 7 2

## The eightie ſeventh Queſtion.

*A Merchant oweth to another Merchant* 100 *l. to be paid in* 10. *yeerely equall payments by* 10 *l. at the end of each yeere: this Debitor doth agree with his Creditor, to diſcharge his debt with ready money. The queſtion is, how much ready money he muſt pay, deducting int. and int. upon int. after* 10 per cent. per Ann.

The Work.

Facit { l 61 | 445672
sh 8 | 91344
d 10 | 9612

*The*

## The eighty eighth Queſtion.

*A Merchant oweth* 105 *l. due; but requireth to pay it in* 7 *yeerely equall payments, by* 15 *l. at the end of each yeere. The queſtion is, what thoſe payments are worth in ready money, reckoning* 10. per cent. per Annum, *int. and int. upon int.*

The Work.

48684188

*Facit* { l 73 | 026282
sh — | 52564
d 6 | 3076

## The eighty ninth Queſtion.

*A Gentleman hath an Annuity of* 120 *l.* per Annum, viz. 60 *l. at the end of each halfe yeere, for* 5 *yeeres: this Gentleman will ſell this Annuity for ſuch a ſumme, as that the buyer may reckon his money that he payeth for it, as put out at int. at* 10 per cent. per Ann. *and int. upon int. The queſtion is, what this Gentleman ſhall receive for his Annuity.*

The

## The Worke.

| | |
|---|---|
| | 125081829 |
| | *Facit* 465.19.11.*d &c.* |
| 16105100 | ~~7504909740~~ |
| | ~~1 62863295~~ |
| 805255 | ~~965386~~ |
| | ~~179853~~ |
| 671 | 738 |

## The nintieth Question.

*An house is to be let for* 10 *yeeres, to pay* 6 *l. at every quarter of a yeers end, for rent. The question is, what the same rent wil come to, leaving all unpaid, untill the last quarters end, reckoning* 10 per Cent. per Ann. *int. and int. upon int.*

## The Worke.

| | | |
|---|---|---|
| | | 660928512 |
| *Facit* | l | 396 5571072 |
| | sh | 11 142144 |
| | d | 1 70572 |

The

## The ninty one Question.

*If a debt of 260 l. payable by 65 l. a yeare, be sold, to be paid for at halfe a yeares end; The question is, what ought to be paid for it, reckoning* 10 per Cent. per Ann. *intrest, and intrest upon intrest.*

### The work.

| | |
|---|---|
| | 46 41 |
| | 603 33 |
| 13959645 | 3016650000 |
| | *Facit* 216.1.11 *d. &c.* |
| | 224721558 |
| | 8516468 |
| 697982 | 13 6 9 |
| 58 | 6 8 |

## The ninty two Question.

*A man oweth* 330 *l. due at* 3 *severall times*, vizt. 108 *l. at* 6 *months*, 119 *l. at* 9 *months, and* 112 *l. at* 12 *months: for this the Creditor agreeth with his Debitor, to have ready mony, rebating for intrest after* 10 per Cent. per

Ann. &c. *The question is, how much ready mony the Creditor ought to receive.*

The work.

| | |
|---|---|
| | 102. 19. 5 *d.&c.* |
| 10488088 | ~~1080000000~~ |
| | ~~31191224~~ |
| | ~~14215988~~ |
| 524404 | ~~97134~~ |
| | ~~2528~~ |
| 43700 | 3 |
| | 102. 8. 2 *d.&c.* |
| 10740994 | ~~1100000000~~ |
| | ~~25918611~~ |
| 537049 | ~~442222~~ |
| 44754 | ~~13~~ 71 |
| 11 . . | 1120 |
| | 101. 16. 4 *d.&c.* |

*Facit* 307 *l.* 4 *sh.* —. *&c.*

## The ninty third Question.

*There is a Lease for* 15 *yeares and a halfe, worth* 13 *l.* 6 *sh.* 8 *d.* per An. vizt. 6 *l.* 13 *sh.* 4 *d.* per *halfe*

*halfe yeare* de claro: *what is this Lease worth, to one that will give no more then that he may have* 10 per Cent. per Ann. *intrest, and intrest upon intrest, and his principall againe by the end of the Lease?*

The work.

| | |
|---|---|
| | 692729898 |
| | 6.13.4.*d.* |
| | 4156379388 |
| | 230909966 |
| | 230909966 |
| *Facit* | 105.8.2 *d.&c.* |
| 43811348 | ~~4618199320~~ |
| | ~~237464584~~ |
| 2190567 | ~~18~~ 8774 |
| 18 | 32 |

## The ninty fourth Question.

*If* 100 *l. be delivered at intr. at* 10 per Cent. per Ann. *intrest, and intrest upon intrest, to receive it againe with the intrest in* 7 *yeares, by* 28

*quarterly equall payments : the question is, what one of those payments must be.*

## The Worke.

*Facit* 4*l.* 19*sh.* —.*&c.*

| | |
|---|---|
| 393435073 | ~~1948717100~~ |
| | ~~374976878~~ |
| 19671753 | ~~1~~ 82~~592~~ 1 |
| 163 | 1 135 |

## The ninty fift Question.

*An house is to bee let for* 10 *yeares, to pay* 20*l. Rent a yeare, by* 5 *l. every quarter. One is content to take this house upon condition, that the Landlord will receive of him* 50 *l. in ready mony, and abate him of the quarterly Rent, so much as will be worth his* 50 *l. ready mony, and the intrest thereof after* 10 per Cent. per Ann. *for the* 10 *yeares first above-named. The question is, how much Rent this man shall pay quarterly.*

The

## The Work.

| | |
|---|---|
| | 25 93 74 24 |
| 660928512 | ~~1296871200~~ |
| | 1.19.2 *d.&c.* |
| 33046425 | ~~635942688~~ |
| | ~~3~~ 84784~~3~~3 |
| 27 | 6 61 |

*Facit* { The taker of the house must pay } 3 *l.* & 9 *d.&c. per quarter.*

## The ninty sixt Question.

*A man oweth* 1050 *l. payable halfe yearly,* vizt. 175 *l. at the end of each halfe yeare : what are these halfe yearly payments worth in ready mony, reckoning* 10 per Cent. per Ann. *And also what ready mony are they worth, reckoning* 5 per Cent. *per halfe yeare, intrest, and intrest upon intrest ?*

The work.

67815572
474709004
339077860

891. 12. 9 d. &c.

133 10000

665500

55

34009560

68019120
47613384
34009560

888. 4. 11 d. &c.

670047

55

61788

6

| | | |
|---|---|---|
| *Fac.* The halfe yearely payments are worth in ready money, at | 10 per cent. per Ann. | 891. 12. 9 d. &c. |
| | 5 per C. per halfe yeare. | 888. 4. 11 d. &c. |

## The nintie seventh Question.

*A Merchant doth owe 1200. l. to be paid in 6 yeares; that is to say, every yeare 200 l. and he doth agree with his Creditor to pay him all together, at the end of 3 yeares, allowing each other* 10 per Cent. per Ann. *int. and int. upon int. The question is, how much money he must pay at 3 yeares end.*

The work.

```
                    24868519
                         200
                    ---------
                    49737038
331                 66200
                    ---------
        l. 1159|37038
Facit   sh    7|4076
        d     4|89
```

## The ninty eight Question.

*A Merchant doth owe* 800 *l. to be paid in* 4 *yeares,* viz. 200 *l. at the end of each yeare, and he doth agree with his Creditor to pay him presently with ready money, in rebating so much as that he may be allowed for paying his money before the day,* 10 per Cent. per Ann. *int. and intrest upon intrest: the question is, how much he must pay.*

### The Work.

31698654
200

| | | | |
|---|---|---|---|
| *Facit* | l | 633 | 97308 |
| | sh | 19 | 4616 |
| | d | 5 | 539 |

## The nintie ninth Question.

*A man hath a Lease of certaine grounds for* 8 *yeares yet to come; for which he payeth* 130 *l.* per Ann. *rent,* viz. 65 *l.* per *halfe yeare: which grounds are worth* 300 *l.* per Ann. viz. 150 *l.* per *halfe yeare.*

If

*If this man shall surrender-in his Lease; what ready money shall he pay with it to his Land-lord for a new Lease of 21 yeares, not altering the rent of 130 l.* per Ann. *reckoning such int. as men have when they buy Land for 20 yeares purchase, and receive the rent halfe yearely?*

## The Work.

| | |
|---|---|
| 150 *l.* | 360117080 |
| 65 *l.* | 288093664 |
| 85 *l* | 180058540 |
| | *Facit* 1085. 1. 6 *d. &c.* |
| 28209951 | ~~3060995~~ ~~1800~~ |
| | ~~244325~~ ~~4725~~ |
| 1410497 | ~~1~~ ~~21~~4 ~~9~~68 |
| 117 | 7 4 |

## The hundreth Question.

*If a man pay 500 l. and at 12 moneths end, take for it 80 l. and at the end of each halfe yeare after, 40 l. till 10 yeares in all be expired: whether doth hee take more or lesse then after the rate of* 10 per Cent. per Ann. *intrest, and intrest upon intrest?*

The

The Work.

| | | | |
|---|---|---|---|
| | 550 *l.* | | 278217524 |
| | 80 *l.* | l | 1111\|8700960 |
| | | sh | 17\|40192 |
| | 470 *l.* | d | 4\|823 |
| 23579476 | | | |
| 165056332 | | | |
| 94317904 | | | |
| l | 1108\|2353720 | | 1112. 17. 4 *d. &c.* |
| sh | 4\|70744 | | 1108 4. 8 *d. &c.* |
| d | 8\|489 | | |

*Facit* { He taketh more then 10 *per Cent. per Annum*, by } 4. 12. 8 *d.*

## The hundred and one Question.

*Vpon May day*, An. Regni Elizabeth 30. A. *sold to* B. *certain Land that yeelded* 33 *l.* 16 *sh.* 8 *d.* per Ann. *Rent; at which sale* A. *and* B. *made this agreement in words: That* A. *should pay to* B. 50 *l. upon the first of November next following*

following, and that then B. should surrender the Lands back againe to A. binding them to pay 100 Mark per Ann. for 8 yeares, viz. at the end of each yeare, still upon the first of November, 66. 13. 4 d.

Before the day appointed for the first payment, B. died, by which meanes the surrender was not made, nor any of the above-said payments paid: wherefore upon suit in the Chancery, it was ordered by the Lord Keeper, that there should bee an account made; and the questions in the account to be, What the land was worth at the sale, after the rate of 20 yeares purchase: and what the payments above-mentioned were worth in ready mony at the same time, reckoning 10 per Cent. per Ann. and then look how much the Land was worth more then the payments, so much should the heyres of B. pay to A.

Therefore how much is it that by this order ought to be paid to A.?

The

## The work.

| | | |
|---|---|---|
| 33. 16. 8*d* | | 114358881 |
| 676. 13. 4 | | 228717762 |
| | | 7623925400 |
| 21435888 | | 1071794400 |
| | | 386 *l.* 15 *sh.* 7 *d.* &c. |
| 22482149 | | 8695719800 |
| | | 1951575186 |
| 1124107 | | 1126132211 |
| | 676. 13. 4 | 736968 |
| 936 | 386. 15. 7. &c. | 6748 |

The heyres of *B.* ought to pay to *A.* } 289. 17. 8 *d.* &c.

## The hundreth and two Question.

*One hath a Lease of certaine Lands for* 49 *years, which yeeldeth more then the out-rent,* 400 *l.* per Ann. viz. 100 *l.* per *quar. and after* 8 *yeares it will yeeld* 500 *l.* per Ann. viz. 125 *l.* per *quarter, more then the out-rent: what is this Lease worth to bee sold, reckoning such intrest*

*intrest, as men have when they buy Land at 16 yeares purchase, and receive the Rent quarterly?*

The work.

| | |
|---|---|
| 7496820398 | |
| 37484101990 | 187420509950 |
| | 1272358483900 |
| | *Facit* 6991. 1. 6 *d. &c.* |
| 208806013 | ~~1459778993850~~ |
| | ~~2169425151~~87 |
| | ~~921796496~~ |
| | ~~241526~~ |
| 10440300 | ~~16~~716 |
| 87 | 5 |

## The hundreth and third Question.

A. *oweth to* B. 1200 *l. to be paid in 6 yeares, in 12 equall payments,* vizt. *at the end of each halfe yeare* 100 *l. They agree to cleare this debt in 3 yeares, in 6 equall payments,* vizt. *at the end of each halfe yeare, one payment. The question is, what each payment ought to bee, reckoning intr. after the rate of* 10 per Cent. per Ann. *and intr. upon intr.*

The

## The worke.

13310000 . . 1 . . 6781557200

6781557200

67815572 . . 1 . . 13310000

75. 2. 7 *d.&c.*

13310000 xxxxxxxxxx

68359

665500 x71

55 4

Each payment muſt be 175. 2. 7 d. &c.

## The hundreth and fourth Queſtion.

*Eleven yeares ſince, I tooke a Leaſe for 50 yeares, for which I paid 360 l. and now we are agreed that my Leſſor ſhall take the remainder of the Leaſe into his hands againe, paying to mee ſo much as the reſidue of the yeares in my Leaſe will come to, after the rate at which I bought the Leaſe; reckoning ſuch intreſt as men have when they buy Land at 20 yeares purchaſe, and receive the rent halfe yearely. Therefore I demand how much I ought to receive for the remainder of my Leaſe?*

The

The Work.

| | |
|---|---|
| 118137163 | 708822978 |
| | *l.* 9. 16. 7. 7. |
| 4325486540 | 425293786800 |
| 216274327 | 3497999828 |
| 18022860 | 113925655 |
| | 1361 8 |
| | 45 6 |
| | 2344868175 |
| | 9. 16. 7. 7 |
| | 21103813575 |
| | 1172434087 |
| | 586217043 |
| | 117243408 |
| | 58621704 |
| | 9770284 |
| | 6839196 |
| | *Facit* 335. 19. 5 *d. &c.* |
| 68621704 | 23054939297 |
| | 2468428972 |
| 3431085 | 6977645 |
| | 3666864 |
| 28 | 23578 |
| | 147 |

## The hundreth and fift Queſtion.

A. *oweth to* B. 800 *l. to be paid at* 4 *yeares end, and* B. *doth owe to* A. 900. *l. to bee paid in* 6 *yeares, that is to ſay, at every* 2 *yeares end,* 300 *l. Now they doe agree to cleare their debts preſently, in allowing each other* 8 per Cent. per Ann. *int. and int. upon int. The queſtion is, which of them muſt pay money to the other, and how much.*

---

The

---

The work.

257. 4. —d &c.

11664000

583200
486

189. 1. —d. &c.

1586743

793437
66

446. 5. —d. &c.

367. 10. 3 d. &c.

13604889

680244
56

B. must pay to A. in ready money 78. 14. 1 &c.

## The hundreth and sixt Question.

*If a Lease for 30 yeares be worth 1000 l. what is that Lease worth, to be paid 7 yeares before a man enter upon it; reckoning such int. as men have when they buy houses at 16 yeares purchase, and receive the rent quarterly?*

### The work.

| | |
|---|---|
| | *Fa.* 647. 16. 8 *d.* & c. |
| 15435998 | 1000000000 |
| | 73846128 |
| 771799 | 12299939 |
| 64 | 151616 |
| | 5 |

## The hundreth and seventh Question.

*Certaine Land stands charged with 600 l. to be paid by 25 l. at the end of each halfe year. The owner of the land agreeth with his Creditor to discharge the land, by paying the value of the said halfe yearely payments with ready money. The question is, what hee must pay, reckoning such int. as men have when they buy land*

*land at 20 yeares purchase, and receive the rent halfe yearely.*

## The Work.

| | |
|---|---|
| | 323490379 |
| | *Facit* 447. 2. 5 *d. &c.* |
| 18087259 | 8087259475 |
| | 852365812 |
| 904362 | 128854578 |
| 75 | 22457 |
| | 4 9 |

## The hundreth and eight Question.

*What quarterly rent for 13 yeares will countervaile 200 l. Fine, reckoning such int. as men have when they buy houses at 16 yeares purchase, and receive the rents quarterly?*

*Also, what ought the quarterly rent to be, reckoning for int.* 2 ½. per Cent. per *quarter?*

*And also what will the quarterly rent be, if yee reckon for intrest* 10 per Cent. per Annum.

## The worke.

| | |
|---|---|
| | 22394217 |
| | 200 *l.* |
| | 5. 12. 11 *d.* &c. |
| 793229940 | 4478843400 |
| 39661497 | 512698736 |
| 33 | 136775 |
| | 5 |
| | 36111123 |
| | 200 *l.* |
| | 6. 18. 3 *d.* &c. |
| 1044444939 | 7222224600 |
| 52222246 | 955552966 |
| | 433334598 |
| 435 | 1555 |
| 660928512 .. 13310000. | 34522712 |
| 1982785536 | 200 *l.* |
| 1982785536 | |
| 660928512 | |
| 137266429 | 6. 15. 9 *d.* &c. |
| 1016962278 ... 1 .. | 6904542400 |
| 50848113 | 89276732 |
| | 24428763,7 |
| 42 | 4 |

The

The Answers.

| | | |
|---|---|---|
| Reck. 16 yeares purchase, &c. | The quarterly rent must be | 5. 12. 11 d. &c. |
| Rec. $2\frac{1}{2}$. *per cent. per quar.* | | 6. 18. 3 d. &c. |
| Rec. 10. *per cent. per Ann.* | | 6. 15. 9 d. &c. |

## The hundreth and ninth Question.

*What Fine ought to be given for a Lease to indure 30 yeares, to countervaile 30 sh. per quarter; reckoning such int. as men have when they buy Land at 16 yeares purchase, and receive the rent quarterly?*

The Work.

3473257450 . . $1\frac{1}{2}$
1736628725

*Facit* 81. 1. 3 *d. &c.*

| | |
|---|---|
| 4269647. | 5209886175 |
| | 68314418 |
| 13482 | 4841766 |
| 26 | 3 28 |

## The hundreth and tenth Question.

*What quarterly rent for 21 yeares, is worth 40 l. Fine, reckoning such intrest as men have when they buy houses at 16 yeares purchase, and receive the rent quarterly?*

### The Worke.

36779357
40 *l.*

*Facit 17 sh. 2 d. &c. per quarter.*

| | |
|---|---|
| 1713878907 | ~~1471174280~~ |
| 85693945 | 614237835 |
| 714 | 37 21 |

## The hundreth and eleventh Question.

*If a Lease yeeld 50 sh. per quarter* de claro, *for 21 yeers, and after that for 9 yeers more yeelds 7 l. per quarter more then the out-rent: what is it worth to be bought, reckoning such int. as men have when they buy houses at 16 yeares purchase, and receive the rent quarterly?*

The

## The Work.

| | | |
|---|---|---|
| 3473257450 | . . . $2\frac{1}{2}$ | 6946514900 |
| | | 1736628725 |
| 478360320 | . . . $4\frac{1}{2}$ | 1913441280 |
| | | 239180160 |
| | *Facit* 168. 11. 11 *d. &c.* | |
| 64269647 | | ~~1083576506~~5 |
| | | ~~4458821349~~ |
| 3213482 | | ~~532664567~~ |
| | | ~~842934~~ |
| 26 | | ~~631656~~ |
| | | 31 |

## The hundreth and twelfth Question.

*If a Lease of certaine ground for* 10 *yeares bee worth* 100 *l. what is a Lease of the same ground worth for* 21 *yeares, reckoning* 10 per Cent. per Ann. *And also what will the same* 21 *yeares be worth, reckoning such int, as men have when they buy land at* 20 *yeares purchase, and receive the rent halfe yearely?*

The work.

| | | | |
|---|---|---|---|
| l | 16\|27453 | 86486943 | |
| sh | 5\|4906 | 518921658 | |
| d | 5\|8872 | 21621735 | |
| | | 1801811 | . . 360362 |
| | | 288289 | |
| | | 28828 | . . 2882 |
| | | 2521 | 360 |

| | | |
|---|---|---|
| l | 140\|7534272 | |
| sh | 15\|068544 | |
| d | —\|82252 | |
| | 6. 8. 3. 5. 3. | |

| | |
|---|---|
| 255446576 | ~~163861640000~~ |
| 12772328 | ~~1 5938944~~ |
| 1064360 | ~~56324~~ |
| | 63 |

728398078
6.8.3.53

4370388468
145679615
145679615
9104975
1517495 . . 303499
91049

165. 12. 7 d. &c.

28209951 467246x2x7
x85x8x6x52
1410497 xx87993 38
117 78 4
3 3

Fa. { At 10 per Cent. per An. 140. 15. — d. &c.
{ At such int. as 20 years purchase, &c. } 165. 12. 7 d. &c.

The

## The hundreth and thirteenth Question.

*One hath certain grounds in Lease for 25 years, for which hee is to receive for 7 yeares yet to come, but 55 l. per halfe yeare: and for the other 18 yeares hee shall receive 142 l. 15 sh. per halfe yeare; and for out-rent during the whole 25 yeares, hee payeth 26 l. per halfe yeare. The question is, what this Lease is worth to be sold, reckoning* 10 per Cent. per Ann. *int. and int. upon int.*

The

The work.

55 *l.*
26 *l.*

29 *l.*

194373999
388747998
1749365991

289.5.2 *d. &c.*

19487171

974358

142. 15 *sh.*
26.—

81

116.15 *sh.*

934239895
934239895
5605439370
467119947
233559973

1006. 13. 10 *d. &c.*

108347059

5417352
45

*Facit* 1295 *l.* 19 *sh.* —*d. &c.*

The

## The hundreth and fourteenth Queſtion.

*A Tenant hath given his Landlord 60 l. Fine, for a Leaſe of 11 yeares: and when 8 ½ yeares are expired, the Tenant doth agree to ſurrender his Leaſe, conditionally, that the Lord ſhall give him for his time unexpired, after the rate that it doth ſtand him in. The queſtion is, what hee ſhall receive, reckoning ſuch intereſt as men have when they buy Land at 16 years purchaſe, and receive the Rent quarterly.*

The

The work.

19781938
60 l.

1 l. 17 sh. 11 d. —— 1.

626044033
31303301
2608516

xx869x628800
867872847
248754134
x 31 5
4
207332381
53666190
26833095
13416547
2230091
4472

*Facit* 17. 8. 6 d. &c.

11677068

583853
48

xx03488776
867x7696
497 7x.
3 9

The

## The hundreth and fifteenth Question.

*What yearly payment is worth* 100 *l. per quarter, reckoning* 10 per Cent. per Ann. *intrest, and intrest upon intrest?*

The work.

*Facit* { l. 414 | 7022
sh. 14 | 044
d. — | 528

## The hundreth and sixteenth Question.

*What equall halfe yearly payment is worth* 500 *l.* per Ann. *reckoning* 10 per Cent. per Ann. *intrest, and intrest upon intrest?*

The work.

*Facit* 244. —. 10 *d. &c.*

10488088 . . 1 . . 500000000000
98238488
1024404 85882
85 965

The

## The hundreth and seventeenth Question.

*If 3000 l. be lent, to be paid againe with the intrest in 7 yeares halfe yearly, by equall payments, what ought each payment to bee, reckoning* 10 per Cent. per Ann. *intrest, and intrest upon intrest?*

### The work.

| | |
|---|---|
| | 19487171 |
| | 3000 *l.* |
| | *Facit* 300 *l.* 15. 4 *d.* &c. |
| 194373999 | ~~58461513000~~ |
| 9718699 | ~~14932653~~ 15 |
| | ~~521~~ 3 28 |
| 809 | 35 |

The

## The hundreth and eighteenth Queſtion.

*A Merchant hath ſold Velvets, which amount unto 2000 l. to be paid at 6 months, 6 months, 6 months, and 6 months, by 500 l. a payment: the Debitor hath Bils,* vizt. *one Bill of 600 l. to be paid at 3 months, 3 months, and 3 months, each payment 200 l. And another Bill of 1000 l. to be paid at 3 months 600 l. and at 6 months after that, 400 l. Hee agreeth with his Creditor to deliver him theſe Bils, and to pay the reſt in ready mony preſently, reckoning* 10 per Cent. per Ann. *for intreſt, from each of them to the other: wherefore they demand, what the Merchant ought to receive in ready mony, beſides the Bils, to cleare the debt of 2000 l. for the Velvet above-mentioned.*

The

## The Worke.

30729225 . . 200 *l.*

11265250 . 6145845000
6145845
12291690
36875070
30729225
12291690
30729225

11815094 . 600 *l.* . 6923448038625000
7089056400
400 *l.* . 4506100000

18518604438
43024985 . 500 *l.* . 2151249250

12100000 . 2993888051
27217164190

*Facit* l 247 | 4287653
sh 8 | 575306
d 6 | 903

## The hundreth and ninteenth Queſtion:

*One is about the purchaſe of an houſe, the price whereof is* 680 *l. which houſe ſtands charged with the payments following:* 30 *l.* per Ann. vizt. 7 *l.* 10 *ſh. per quarter, for* 2 *yeares, and after that* 25 *l.* per Ann. vizt. 6 *l.* 5 *ſh. per quarter, for* 6 *yeares; and beſides* 9 *l.* per An. vizt. 2 *l.* 5 *ſh. per quarter for* 7 *yeares, beginning preſently. He that ſhould purchaſe this houſe, demandeth how much hee ought to retaine in his hands of the* 680 *l. to ſatisfie the payments above-mentioned, reckoning (per agreement)* 6 $\frac{1}{4}$ per Cent. per Ann. *intreſt, and intreſt upon intreſt.*

---

The

---

Facit

The work.

| | | |
|---|---|---|
| 14409173 | 7.10 *sh.* | 590864211 |
| | | 422045 86 |
| | | 56.1.6 *d. &c.* |
| 11289062 | | 633068797 |
| | | 686x5625 |
| 564453 | | 88x372 |
| 47 | | 3168 |
| 387272744 | 6.5 *sh.* | 1723636464 |
| | | 71818186 |
| | | 110.10.11 *d. &c.* |
| 16241700 | | x795454650 |
| | | x7x2878 |
| 812085 | | 8866 |
| 676 | | 74 |
| 346152951 | 2.5 *sh.* | 692305902 |
| | | 86538237 |
| | | 50.19.-*d. &c.* |
| 15286306 | | 7788414139 |
| 764315 | | x4528884 |
| 63 | | 688565 |
| | | 68 |

*Facit* { The purchaser must retain in his hands } 217. 11. 5 d. &c.

## The hundred and twentieth Question.

*There is an Office that will yeeld at the end of* 18 *moneths,* 3750 *l. and at the end of each yeare after for* 10 *yeares as much.*

*This Office is to bee sold for* 7500 *l. Fine, to be paid presently, and* 750 *l. per quarter rent for* 10 *yeares, the first quarters rent to be paid a yeare after the payment of the Fine: and for the first yeare the buyer is to receive int. for his* 7500 *l. Fine at* 5 per Cent.

*He that should buy this Office, desireth to have an account made of the receits on the one side, and the payments on the other side, with respect to the times, and int. after* 10 per Cent. per Ann. *and int. upon int. on both sides, that he may know what is to bee gotten by buying the Office, more then* 10 per Cent. per Ann. *by the time he shall have paid the last quarters rent.*

The work.

| | |
|---|---|
| 285311167 | 375 *l.* |
| 85593501 | |
| 1997181 69 | |
| 142655835 | |
| 10699187625 | |

27203400 : 3750*l.*

1360170
1904238
816102

102012750000
159374246 : 3750*l.*

796871230
1115619722
478122738

597653422500 : 10488088
239061369 00
478122738 00
478122738
478122738

626824168868|118
10201275
10699187625

7395361064 93

31384283 7500 *l.*

941528490000
235382122500
66092851 2 750 *l.*

198278553 6000

495696384000
235382122500

Payments. 731078506500
Receipts. 739536106493

*Facit* l 845 | 7599993
ſh 15 | 199986
d 2 | 3998

## The hundreth one and twentieth Queſtion.

A. *and* B. *have payd divers monyes one to the other, and one for the other: ſome of which parcels were paid (and the reſt, by agreement between them, accounted to have been paid) upon the dayes particularly ſet down in their accounts following.*

The

The Account of *A.* is thus:

| | | | |
|---|---|---|---|
| 1611. | | 1611. | |
| March 27. *A.* received of *B* | l. 200 | Iune 27. *A* paid to *B.*— | l. 100 |
| Sept. 27. *A.* received for an account partable in halves between them. | l. 260 | More hee then paid for an account partable in halves between them. | l. 200 |
| 1612. | | 1612. | |
| Decemb. 27. *A.* received of *B.* | l. 300 | Iune 27. *A.* paid to *B.*— | l. 300 |
| March 27. *A.* received for an account partable in thirds, vizt. $\frac{1}{3}$ for himselfe, and $\frac{2}{3}$ for *B.*— | l. 210 | Sept. 27. *A.* paid for an account partable in thirds, vizt. $\frac{1}{3}$ for himselfe, and $\frac{2}{3}$ for *B.*— | l. 300 |
| Sept. 27. *A.* received of *B.*— | l. 200 | Decemb. 27. *A* paid to *B.* | l. 300 |

The Account of *B.* is thus:

| 1611 | | 1611 | |
|---|---|---|---|
| Iune 27. *B.* received of *A.* | l. 100 | March 27. *B.* paid to *A.* | l. 200 |
| Sept. 27. *B.* received for an account partable in thirds, vizt. $\frac{1}{3}$ for *A.* and $\frac{2}{3}$ for himſelf. | l. 450 | Iune 27. *B.* paid for an account partable in halves between them. | l. 300 |
| 1612. | | Decemb. 27. *B.* paid to *A.* | l. 300 |
| Iune 27. *B.* received of *A.* | l. 300 | 1612. | |
| Sept. 27. *B.* received for an account partable in halves between them. | l. 300 | Iune 27. *B.* paid for an account partable in thirds, vizt. $\frac{1}{3}$ for *A.* and $\frac{2}{3}$ for himſelf. | l. 300 |
| Decemb. 27. *B.* received of *A.* | l. 300 | Sept. 27. *B.* paid to *A.* | l. 200 |

*Theſe two men agree to cleare accounts, and that each of them ſhal allow the other* 10 per Cent.

per

per Ann. *intreſt, and intreſt upon intreſt; and that their reckoning ſhall conclude upon* 27 *of March,* 1613. *Wherefore they demand, which of them is then indebted to the other, and how much.*

## The work.

121 11536897 11265250 11
200l. 130l. 300l. 140l.

142 149979661 337|9575 154
10488088 11815094
200l. 150l. 100l.

209|76176 177|22641 10740994
.....
100l.

118|15094 10740994 10488088
118|15094 300l. 200l.

322|22982 209|76176
10241136 11536897 10488088
300l. 150l. 150l.

307|23408 173|053455 157|32132
.....

The

| The Charge of *A.* | The Diſcharge of *A.* |
|---|---|
| 242 | 11815094 |
| 149979661 | 11815094 |
| 3379575 | 32222982 |
| 154 | 20976176 |
| 20976176 | 30723408 |
| 17722641 | 173053455 |
| 10740994 | 15732132 |
| 1378335271 | 1405902315 |
| Reſts to *A.* due 27567044 | |
| 1405902315 | |

| The Charge of *B.* | The Diſcharge of *B.* |
|---|---|
| 11815094 | 242 |
| 173053455 | 17722641 |
| 32222982 | 3379575 |
| 15732132 | 10740994 |
| 30723408 | 20976176 |
| 11815094 | 149979661 |
| 20976176 | 154 |
| 1405902315 | 1378335271 |
| | Reſts in *B.* his hands 27567044 |
| | 1405902315 |

The

*The Balance.*

| | | | | | |
|---|---|---|---|---|---|
| Rests in *B.* his hands, as by the foot of his account appeares, | 27 | 56744. | Rests due to *A.* as by the foot of his account appeares, | 27 | 567044 |

l 27|567044
sh 11|34088
d 4|09

It appeares that *B.* is indebted unto *A.* 27 l. 11 sh. 4 d. &c. To pay, March 27. *Anno* 1613.

## The hundreth two and twentieth Question.

*Whether is* 50000 *l. to be paid in* 10 *yeares by* 5000 *l. a yeare, or* 60000 *l. to be paid in* 20 *yeares by* 3000 *l. a yeare, better for him that should receive the money, reckoning* 10 per Cent. per Ann. *intrest, and intrest upon intrest?*

The

The Work.

| 61445671 | 5000 *l.* | 85135637 | 3000 *l.* |
|---|---|---|---|
| 307228355 | | 255406911 | |
| | | 307228355 | |

*Facit* 5000 *l. per Ann.* for 10 years, is better by

| | | |
|---|---|---|
| l | 5182 | 1444 |
| ſh | | 2888 |
| d | | 1065 |
| | Ready money. | |

than 3000 l. *per Ann.* for 20 yeares.

## The hundreth three and twentieth Queſtion.

*Certaine Lands ſtand charged for payment of* 40 *ſh.* per Annum *for* 13 *yeares, and afterwards for payment of* 10 *l.* per Annum *for* 17 *yeares. The owner of the Land agreeth with the partie to whom he ſhould pay theſe Annuities, to bring them both to one; ſo, as hee ſhall pay throughout the whole* 30 *yeares alike yearely ſumme. The queſtion is, what that new Annuity ought to be, reckoning* 6$\frac{1}{4}$. per Cent. per Ann. *int and int upon int.*

The

## The Work.

| | |
|---|---|
| | 288447844 |
| 826252561 | 2307582752 |
| | 2.15.10.$\frac{1}{4}$ d. &c. |
| 41312628 | 65597763 |
| | 24135135 |
| 3442719 | 3598821 |
| | 61 2 |

*Fac.* The new Annuity to continue the whole 30 yeares, ought to be } 4.15.10$\frac{1}{4}$ d. &c.

## The hundreth foure and twentieth Question.

*If a Lease for 21 yeares be worth 7 yeares purchase, how many yeares purchase may be given for a Lease of 30 yeares after that rate, reckoning such int. as men have when they buy Land at 20 yeares purchase, and receive the rent halfe yearely?*

The

The work.

28209951 : 14 *l.*

*ſh.* 10. 10. 1. 2.

728398078 36419903 3034991

1359915899

679957949 56663162 566631 113326

*l.* 16. 15. 1. 8. 3.

43997897 2199894 183324

*Facit* 8$\frac{1}{2}$. yeares purchaſe, and a little more, *viz.* not fully 2 d. in every 40 ſh. a yeare rent.

*FINIS.*